

<b>COMPANY</b>		
<b>NOBLE ENERGY PRODUCTION</b>	LOCATION: LUCCI BC B 1-14 (CO)	PO:
1625 BROADWAY SUITE 2200		AFE: x
DENVER, Colorado, USA 80202		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	15.00		
Fuel Surcharge (hourly)	15.00		
Crew Travel	1.00		
Labor - Floor	16.00		
JWS 340 Triplex Pump and Tank	1.00		
BOP/ABOP w/Accumulator	1.00		
Engineered Rig Base Beam	1.00		
Flange - 7 1/16" Larkin Adaptor Flange x 3000	1.00		
Tubing Wiper Rubber	1.00		
Thread Dope	1.00		
<b>CHARGES &amp; EXPENDABLES SUB-TOTAL</b>			
<b>FIELD ESTIMATE (TAX NOT INCLUDED)</b>			

<b>CUSTOMER STAMP</b>
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ROD & TUBING DETAILS				
<b>ROD DETAILS</b>				
<input type="checkbox"/> PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:
<input type="checkbox"/> RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:
NOTES:				
<b>TUBING DETAILS</b>				
<input type="checkbox"/> PULLED	SIZE:	JOINTS:	TALLY:	
<input type="checkbox"/> RAN	SIZE:	JOINTS:	TALLY:	
LANDED AT:		NIPPLE AT:		
NOTES:				
<b>PUMP DETAILS</b>				
SIZE:	TYPE:	SERIAL #:		

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Partly Cloudy		WIND: Calm		TEMP: 75 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
31-May-13, 06:00	31-May-13, 22:00	16.00	Well Services	crew travel to location held JSA meeting & discuss well plan found well shut in with 100 psi surface pressure, blow well to tank, P/U packer RIH with 10 jts of 2 1/16 & 193 jts of 2 3/8, set & test packer @ 6206' down casing @ 1200 psi for 15 min test good & down tubing @ 950 psi test good, release packer POOH, M/U RBP head RIH tagged sand @ 6303' with 209 jts, circulated sand out, release plug POOH stand back 166 jts of 2 3/8 & L/D rest of tubing, R/U wireline set CBP @ 6352' & 2 sx of cement on top of plug, set 2nd CBP @ 6252' & 2 sx of cement on top of plug, R/D wireline N/D BOP unseat casing slips, N/U 3k wellhead & BOP, fill up hole with 15 bbls R/U wireline to cut 3 1/2 casing @ 5004' R/D wireline pulled up casing free, L/D pup jt shut in well, crew travel back to yard.
<b>TOTAL TIME: 16.00 hours</b>				

CREW DETAILS										
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE	
Service Rig Manager	Agustin Gonzalez	31-May-13, 06:00	16.00	0.00	No	0.00		0.00	Yes	
Operator	Tito Espinoza	31-May-13, 06:00	16.00	0.00	No	0.00		0.00	Yes	
Derrickhand	Richard Limon	31-May-13, 06:00	16.00	0.00	No	0.00		0.00	Yes	
Relief Operator	Lionel Craig East	31-May-13, 06:00	16.00	0.00	No	0.00		0.00	Yes	
Floorhand	Juan Moncada	31-May-13, 06:00	16.00	0.00	No	0.00		0.00	Yes	

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE:  	<p style="font-size: small;">The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.</p> <p style="text-align: right;">OPERATOR'S REP. SIGNATURE:               Chris Hohnstein (970) 3022963</p>

RIG/UNIT #: 306  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 2421586-SO3

DATE: 01-Jun-13, 06:00

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1625 BROADWAY SUITE 2200		AFE:
DENVER, Colorado, USA 80202		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	13.00		
Fuel Surcharge (hourly)	13.00		
Crew Travel	1.00		
Labor - Floor	14.00		
JWS 340 Triplex Pump and Tank	1.00		
BOPI/ABOP w/Accumulator	1.00		
Engineered Rig Base Beam	1.00		
3 1/2", 4 1/2" to 5 1/2" Casing Elevators (Charged per job)	1.00		
Laydown Casing Head	1.00		
Tubing Wiper Rubber	2.00		
Thread Dope	1.00		
<b>CHARGES &amp; EXPENDABLES SUB-TOTAL</b>			
<b>FIELD ESTIMATE (TAX NOT INCLUDED)</b>			

CUSTOMER STAMP
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ROD & TUBING DETAILS				
<b>ROD DETAILS</b>				
<input type="checkbox"/> PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:
<input type="checkbox"/> RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:
NOTES:				
<b>TUBING DETAILS</b>				
<input type="checkbox"/> PULLED	SIZE:	JOINTS:	TALLY:	
<input type="checkbox"/> RAN	SIZE:	JOINTS:	TALLY:	
LANDED AT:		NIPPLE AT:		
NOTES:				
<b>PUMP DETAILS</b>				
SIZE:	TYPE:	SERIAL #:		

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER:		WIND:		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
01-Jun-13, 06:00	01-Jun-13, 20:00	14.00	Well Services	Crew travel to loc. safety meeting check psi 60 on surface. Bleed of psi lay down 160 jts of 3 1/2 changed equipment to 2 3/8 TIH w/ 166 jts @ 5553. Rig up cementers pump first stage rig down cementers lay down 83 jts. Rig up cementers pump second stage rig down cementers lay down 83 jts. N/ down bops & lay down spool. Put on cap flange load well shut in well. Crew travel
<b>TOTAL TIME: 14.00 hours</b>				

CREW DETAILS										
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE	
Operator	Tito Espinoza	01-Jun-13, 06:00	14.00	0.00	No	0.00		0.00	Yes	
Derrickhand	Richard Limon	01-Jun-13, 06:00	14.00	0.00	No	0.00		0.00	Yes	
Relief Operator	Lionel Craig East	01-Jun-13, 06:00	14.00	0.00	No	0.00		0.00	Yes	
Floorhand	Juan Moncada	01-Jun-13, 06:00	14.00	0.00	No	0.00		0.00	Yes	
Service Rig Manager	Desiderio Nava	01-Jun-13, 06:00	14.00	0.00	No	0.00		0.00	Yes	

SIGNATURES		
RIG MANAGER/SUPERVISOR'S SIGNATURE:  	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.	OPERATOR'S REP. SIGNATURE:    Cris H