

attach to Sundry
of 5/15/95
in office



PHILLIPS PETROLEUM COMPANY
North America E&P

FAX COVER SHEET

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Fax Numbers: 713/669-3754
669-3755
669-4310

Problems? Call 669-7932

To: Jimbo Adkins

From: Kari Wido

Company: State of Colorado O&G

Room/Ext: (113) 669-3773

Fax Number: (970) 858-7521

Number of Pages 6 including Cover Sheet

MESSAGE

Please call me should you have any questions.

FOR INTERNAL USE ONLY

Transmitted By: _____

Date: _____

Time: _____



PHILLIPS PETROLEUM COMPANY

HOUSTON, TEXAS 77251-1987
BOX 1987

NORTH AMERICA
EXPLORATION AND PRODUCTION

BELLAIRE, TEXAS
6330 WEST LOOP SOUTH
PHILLIPS BUILDING

September 25, 1995

FAX LETTER

State of Colorado
Oil & Gas Commission
P. O. Box 98
Loma, Colorado 81524

Attention: Mr. Jamie Adkins

103-5262

Re: Mannel #2
SE NE Section 26-T1N-R95W
Rio Blanco County

Dear Mr. Adkins:

As per requested, enclosed is an outline of work proposed to re-abandon the subject well. Due to some problems locating and obtaining access agreements from land owners, the proposed work will not be completed until approximately October 15, 1995.

If you should have any questions, please call Kari Olds at (713) 669-3773 or (713) 669-3755 FAX. Thank you for your assistance in this matter.

Sincerely,

Jacob Mitchell
Jacob F. Mitchell
Director, Regulatory/Compliance

JFM/KMO
Attachments

cc: S. D. McCoy (r) K. M. Olds
A. J. Lasche

**Mannel No. 2
Re-abandon****History:**

The Mannel No. 2 was spudded on August 12, 1958, and plugged and abandoned as a dry hole on September 1, 1958. Due to reports of hearing gas bubbles inside dry hole marker, Phillips requested and received approval to investigate and possibly re-abandon on May 19, 1995. On August 7, 1995, an investigation of the well was performed and gas was found to be escaping at surface. After thorough research into the area and the well, it was determined the cause of the gas leak is most likely from shallow sands. (Maximum reservoir pressure gradient ever encountered during drilling was 0.65 psi/ft.)

Outline of Proposed Procedure Re-abandonment:

The procedure calls for the following: (See attached schematics for details.)

Hold safety meeting. Remove dry hole marker and drill through surface plugs. Run-in-hole and tag cement at 367', fill casing with 10.0 ppg fluid, and pressure test to 275 psi (exceeds reservoir pressure). If pressure holds, cement plug and surface casing integrity exists. Spot 20 sacks of cement at surface (60' cement plug). (See proposed schematic number 1.) If pressure will not hold, cement plug and or surface casing integrity doesn't exist. Drill out cement plug at casing shoe and spot 155 sacks of cement to surface. (See proposed schematic number 2.) ND BOP's, cut off wellhead, weld cap on 8-5/8" casing with weep hole, and restore well site.

WELL COMPLETION DIAGRAM

Mannel No. 2

RPV (Make Type OD)	n/a	Proposed Schematic 1	RKB-THF
Log. Hgr. (Make, Type)	n/a		RKB-BHF
Annulus Fluid	n/a		GL: 6042
TOC:			RKB-ML

OD	Top	Bottom	WT	Grade	Conn.	Buret	Collapse	Tension
8-5/8"	0	441	24.00	J-55	ST&C	2760	1290	163 K

Drilled 8-3/4" hole to 510'.
 Well blow @ 355' & increase MW from 9.7 to 10.3 (179 psi).
 Well blow @ 510' & increase MW from 10.5 to 12.5 (332 psi).
 Reamed 13-3/4" hole to 452'.
 Ran csg and cement to surface with good returns.
 Tested casing to 800 psi & continued to drilling 7-7/8" hole to TD.

Item	Depth	Length	Description	ID	OD
Surface Cement	0-510'	510'	365 sx Ideal reg cement, 600 # CaCl		
Plug # 1	4270'-4420'	150'	50 sx of cement		
Plug # 2	1750'-1850'	100'	50 sx of cement		
Plug # 3	367'-470'	103'	35 sx of cement		
Plug # 4	0'-60'	60'	20 sx of cement		

NOTE: Depths, lengths and dimensions of downhole equipment are estimates only.

PBTD: P & A 'ed TD: 4420'

Zone & Perforations:

Open Hole Completion

Well: Mannel No. 2 Field: Powell Park

Location: SE NE Section 26-T1N-R95W

Rio Blanco County, CO

Date: 09/25/95 KMO



