

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
3004523569

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

Likins Gas Com A

1. Type of Well:

OIL WELL GAS WELL OTHER

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention

Pat Archuleta

8. Well No.

3E

P.O. Box 800 Denver Colorado 80201 303-830-5217

9. Pool name or Wildcat

Basin Dakota

4. Well Location

Unit Letter J : 2040 Feet From The SOUTH Line and 1790 Feet From The EAST Line

Section 34 Township 30N Range 9W NMPM SAN JUAN County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON

TEMPORARILY ABANDON CHANGE PLANS

PULL OR ALTER CASING

OTHER: Recompletion

SUBSEQUENT REPORT OF:

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB

OTHER: _____

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company requests permission to recomplete this well to the Blanco Mesaverde per the attached procedures and downhole commingle with the Basin Dakota when approval is received.

If you have any technical question contact Mark Rothenberg at (303) 830-5612.

RECEIVED
MAY - 9 1997

OIL CON. DIV.
188913

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Pat Archuleta TITLE Staff Assistant DATE 05-01-1997

TYPE OR PRINT NAME Pat Archuleta TELEPHONE NO. 303-830-5217

(This space for State

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY - 9 1997

CONDITIONS OF APPROVAL, IF ANY: Hold C-104 For USL

Likins Gas Com A 3E

Orig. Comp. 10/79

TD = 7057' PBTD = 7051'

Page 2 of 3

Suggested Procedure:

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Record DK SITP and CP. Blow down well. Kill with water if necessary.
3. Lower 2 3/8" tubing and tag for fill. POOH with 2 3/8" tbg. NDWH. NUBOP.
4. Set RBP at 4900' with wireline or tubing and spot sand on RBP. Circulate hole clean.
5. RIH with tubing and packer and Pressure test casing/plug to anticipated frac pressure. Isolate any leaks.
6. Run cased hole neutron log and gamma ray from RBP to 3900'. Run CBL/CCL/GR from RBP to TOC and atleast 3700'. Determine actual TOC and relay all logging info to Mark Rothenberg (continuous fax 303-830-4276) in Denver and verify if remedial cement squeezes will be needed prior to fracture treatment and to also determine perforations.
7. Correlating to Cased Hole Neutron Log, perf Point Lookout and Menefee select fire at depths determined from log.
8. RIH with tbg and packer and break down/ball off perfs with acid and 1.1 SG RCN balls. Knock off balls with packer. TOH with packer.
9. Frac Point Lookout and Menefee perfs according to frac procedure A.
10. Flow back Point Lookout and Menefee to tank as soon as possible on 1/4" choke, increasing to 1/2" or larger according to activity of well and sand or water production. Establish and record gas, water, oil rates and producing and shut in TP and Cps. Obtain water and gas samples.
11. RIH with tubing and scraper and tag sand, c/o sand so level is below bottom perf of second stage frac, then TOH and RIH with RBP and set at depth determined from log.
12. RIH with tubing and packer and pressure test casing/plug to anticipated frac pressure. Isolate any leaks.
13. Correlating to Cased Hole Neutron Log, perf Cliff House and Menefee select fire at depths determined from log.
14. RIH with tbg and packer and break down/ball off perfs with acid and 1.1 SG RCN balls. Knock off balls with packer. TOH with packer.
15. Frac Cliff House and Menefee perfs according to frac procedure B.
16. Flow back Cliff House and Menefee to tank as soon as possible on 1/4" choke, increasing to 1/2" or larger according to activity of well and sand or water production. Establish and record gas, water, oil rates and producing and shut in TP and Cps. Obtain water and gas samples.
17. RIH with tubing and scraper and c/o to RBP. TOH and RIH with retrieving head and retrieve RBP. TOH.

Likins Gas Com A 3E

Orig. Comp. 10/79

TD = 7057' PBD = 7051'

Page 3 of 3

18. RIH with tubing and retrieving head and c/o to second RBP. Retrieve second RBP and TOH.

19. TIH with 2 3/8" production string and clean out to PBD land at original depth of 6957' (1/2 mule shoe on bottom and a SN 1 joint off bottom). RDMOSU.

20. Place well on production.

NOTE: Since this procedure may involve recompletion and DRA expenditures, please be sure to label all invoices accordingly so that costs can be accounted for properly.

If problems are encountered, please contact:

Mark Rothenberg
(W) (303)830-5612
(H) (303)841-8503
(P) (303)553-6448

Amoco Production Company

ENGINEERING CHART

Sheet No _____ Of _____

File _____

Appn _____

Date 4/7/96

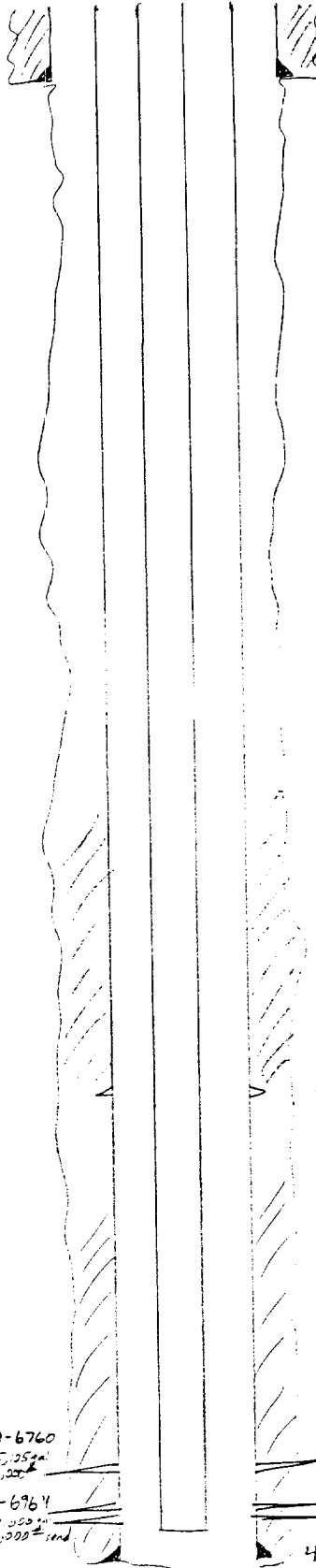
By MDE

SUBJECT LILKINS GAS Com A 3E 3004523569

2040' FSL x 1790' FEL J34-30N-9W FEE LEASE

spud 7/79
NO WORKOVERS

0 —
200 —
400 —
600 —
800 —
1000 —
1200 —
1400 —
1600 —
1800 —
2000 —
2200 —
2400 —
2600 —
2800 —
3000 —
3200 —
3400 —
3600 —
3800 —
4000 —
4200 —
4400 —
4600 —
4800 —
5000 —
5200 —
5400 —
5600 —
5800 —
6000 —
6200 —
6400 —
6600 —
6800 —
7000 —



8 5/8", 24#, K-55 @ 325
CMT w/ 240 SL CLASS B NEAT
CUT TO SORT.

STAGE TOOL 4940'
CMT 1010 SX CLASS B, 50/50 P02, 670 GEL
1/2 CT/SX PERFLITE

PERF 2 SPF 6734-6760
65,052 cu ft
102,000 gal

PERF 2 SPF 6844-6964
119,000 cu ft
270,000 gal

2 3/8", 4.7#, J-55 @ 6957' (N, SAW TOOT)

4 1/2", 10.5#-11.6#, K-55 @ 7051
CMT 350 SX CLASS B, 50/50 P02, 670 GEL; 2 1/4" TWT P;
- 100 HV TOOL

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First,, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Sante Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

C-107
NSC

Form C-102
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004523569	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000795	Property Name Likins Gas Com A	Well Number 3E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5716

Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT J	34	30N	9W		2040	SOUTH	1790	EAST	San Juan

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

Dedicated Acreage: 312.36	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p>Signature </p> <p>Printed Name Pat Archuleta</p> <p>Position Staff Assistant</p> <p>Date 5/06/97</p>
	<p>SURVEY CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i></p> <p>Date of Survey 05/11/1997</p> <p>Signature & Seal of Professional Surveyor </p> <p>Certificate No. 3950</p>