

TYPE OR PRINT
 NOTICE: Fill out completely
 and return to Cons. Div.
 office within 30 days.

LEASE OPERATOR Petroleum Production Management, Inc.

ADDRESS 209 E. William, Suite 200

PHONE#(310 265-4651) OPERATORS LICENSE NO. 6234

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 10/31/94 (date)

by Steve Middleton (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? yes

Producing Formation None Depth to Top _____ Bottom _____ T.D. _____

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plug were used, state the character of same and depth placed, from _____ feet to _____ feet each set
2595' - 100 sx. 2185' - 50 sx. 1000' - 080 sx. 600' - 40 sx. 400' - 50 sx. 40' - 10 sx.
rat hole - 15 sx. 60/40 poz cement used @ all depths.

Name of Plugging Contractor Allied Cementing License No. _____

Address P.O. Box 31, Russell, KS 67665-0031

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Petroleum Production Management, Inc.

STATE OF Kansas COUNTY OF Sedgwick, ss.

Frank E. Novy, Senior Vice President (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Frank E. Novy

(Address) 209 E. William #200, Wichita, KS



SUBSCRIBED AND SWORN TO before me this 1st day of November, 19 94

Connie L. Crook
 Notary Public

12-12-96

My Commission Expires: _____
 USE ONLY ONE SIDE OF EACH FORM

DAILY WELL RECORD

POOL _____ API NO. 15-093-21399.0000

WC _____ AFE NO. _____

LEASE: Thornbrough #2 Sec. 16 Twp. 21S Rge. 35W Spot C SW NW

LOCATION: 1980 FNL 660 FWL 16-21S-35W

ELEVATION: 3114 GR 3120 KB County Kearny State Kansas

OPERATOR: Petroleum Production Management, Inc. Phone (316) 265-4651

CONTRACTOR: Murfin Drilling Co. Phone (316) 267-3241

CORRELATION WELL McCoy - Campbell 1-16 "A"

FORMATION TOPS	SAMPLE TOPS	LOG TOPS	CORRELATION LOG TOPS
Heebner	3870 -751	3877 -757	3892 -750
Toronto	3890 -771	3909 -789	3906 -764
Lansing	3930 -811	3936 -816	3950 -808
B/Kansas City	4392 -1273	4395 -1275	4405 -1263
Marmaton	4418 -1299	4424 -1304	4430 -1288
Beymer	4515 -1395	4518 -1398	4521 -1379
Johnson	4543 -1423	4546 -1426	4550 -1408
Cherokee	4561 -1441	4564 -1444	4569 -1427
Morrow			4810 -1668
Mississippi			4850 -1708
Miss. "C" Zone			
RTD	4620 -1500	4621 -1501	4991 -1849

<u>DATE</u>	<u>REPORT</u>
10-22-94	MIRT. Spud @ 2:15 p.m. w/12 1/4" bit. Set 8 5/8" - 23# @ 371' w/220 sx. 60/40 poz. 3% C.C. 2% gel. Circ. cmt. to surface. Plug dn. @ 8:00 p.m. Drilled out @ 8:00 a.m. 10-23-94. Dev. 3/4° @ 371'.
10-23-94	Drilling ahead.
10-24-94	Drilling @ 1780. Dev. 1/8° @ 856', 1/4° @ 1285'.
10-25-94	Drilling @ 2845'. Dev. 1/4° @ 2280'.
10-26-94	Drilling @ 3580'. Dev. 1/2° @ 3060'.
10-27-94	Drilling @ 4155'. MW - 9.4. Wtr. loss 12.0 cc. Viscosity 37. Chlorides 38,000.
10-28-94	Drilling @ 4450'. MW - 9.3. Wtr. loss 12.0. Viscosity 50. Chlorides 35,000. Dev. 1/2° @ 4450'.

Page 2 Petroleum Production Management, Inc. - Thornbrough #2

10-28-94 Cont.

8:00 a.m. Preparing for DST #1 - 4387-4450 (Marmaton - Amazon Ditch Zone)

12:00 p.m. On. btm. Pkr. would not set - have misrun. POOH. Plan to raise pkr. approx. 8' & rerun tools.

DST #2 - 4377-4450' (Amazon Ditch) Open 60, SI 60, Open 60, SI 90. 1st open - weak blow, died in 25 min. 2nd open - no blow. Rec. 25' mud. IFP 70-70. ISIP 130#. FFP 70-70. FSIP 160#. Temp. 126°.

10-29-94 RTD 4531'. MW - 9.5. Wtr. loss 11.2 cc. Viscosity 47. Chlorides 26,000.

9:00 a.m. Preparing for DST #3.

5:00 p.m. DST #3 - 4506-4531' (Beymer) Open 60, SI 60, Open 60, SI 90. 1st open - weak blow, died in 31 min. 2nd open - no blow. Rec 70' wcm - no show. Chlorides 47,000 ppm. IFP 50-50. ISIP 926#. FFP 80-80. FSIP 936#. Temp. 128°. Resume drilling.

10-30-94 RTD 4565'. MW - 9.5. Wtr. loss 12.0 cc. Viscosity 47. Chlorides 30,000.

2:00 p.m. DST #4 - 4536-4565' (Johnson) Open 45, SI 45, Open 60, SI 90. 1st open - weak blow - 1/4" in bucket thruout. 2nd open - weak blow, died in 15 min. Rec. 130' wcm - no show. Chlorides 67,500 ppm. Chlorides of mud sample 25,000 ppm. IFP 50-60. ISIP 350#. FFP 80-90. FSIP 360#. Temp. 128°.

6:00 p.m. RTD 4620'. Condition hole to log.

9:00 p.m. RU HLS & ran DLL-MSFL-GR-caliper log - LTD 4621'. Ran CNCD-GR-caliper from TD to 3620'.

10-31-94 TD 4620'. LTD 4621'. Dev. 1/2° @ 4620'. MW - 9.5. Wtr. loss - 9.6 cc. Viscosity 48. Chlorides 25,000.

4:00 a.m. Logging complete. Log tops verify drillers except 3' deeper thruout Marmaton zones. Johnson zone clean but 10% porosity thruout 6', 60% salt wtr. saturation. No mud cake except btm. 2' of zone (below porous interval). Beymer zone - 4' of porosity in middle of zone - avg. 14% w/4 ohm resistivity - calculate 79% salt wtr. w/practically no interval within the Beymer showing mud cake. The field producing Amazon Ditch zone is pure tombstone w/approx. 2% porosity & slight indication of mud cake. One 2' interval within the Hasel's Folly does have crossover porosity of 18% but is an extremely thin zone showing very little mud cake & certainly not considered as a zone to set csg on. For whatever reason, this well is 10-20' low structurally to all surrounding wells & is recommended to be plugged & abandoned.

5:30 a.m. HLS TIH w/core bbl. - diamond core the following intervals:
 Johnson Zone - 1 @ 4556' & 1 @ 4552'
 Beymer Zone - 1 @ 4530' & 1 @ 4525'
 Amazon Ditch Zone - 1 @ 4445'

10:00 a.m. Coring complete w/5 core minimum charge. 1 1/2" cores recovered showing dense limestone - no show oil, no odor.

10:30 a.m. Orders given to plug & abandon.

3:15 p.m. Allied Cementing begin plugging as follows:
 2595' - 100 sx. 600' - 40 sx. Rat hole - 15 sx.
 2185' - 50 sx. 400' - 50 sx.
 1000' - 80 sx. 40' - 10 sx.

6:30 p.m. Plugging complete. Orders given by Steve Middleton - KCC, Dodge City.

RECEIVED
 CORPORATION COMMISSION

NOV 02 1994

HYVATION DIVISION
 SHITA, KANSAS