FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	
Entered On S R Sheet		Copy N I D to Field Office	
Location Map Pinned		Approval Letter	
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed		Location Inspected	
OW	WW	TA	Bond released
GW	OS	PA	State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E I E-I GR GR-N Micro

Lat Mi-L Sonic Others

Form OGC-1a

SUBMIT IN ~~TRI~~PLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name: Private Land

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name:

b. Type of Well: Oil Well [X] Gas Well [ ] Other Ph.# Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name: Jensen

2. Name of Operator: Donald Reitz C/O LISTING AT 8665 LAMAR DR. — PETRODYNE PRODUCTION COMPANY (303) 423-7245

9. Well No.: #3

3. Address of Operator: 3489 West 72nd Avenue, Suite 109 (ONLY LISTING AS OF 5/2/80 Westminster, Colorado 80030 (303-428-8713)

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 712' FNL, 598' FWL NWNW

11. Sec., T., R., M., or Blk. and Survey or Area

At proposed prod. zone: Same

Sec. 21, T5S-R23E, SLM

14. Distance in miles and direction from nearest town or post office*: ½ mile north of Highway 40, Jensen, Utah

12. County or Parrish: Uintah Co., 13. State: UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 598'

16. No. of acres in lease: 640

17. No. of acres assigned to this well: 40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 2500'

19. Proposed depth: 2750' Shinarump

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): Ground level 4762'

22. Approx. date work will start*: May 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12¼"	8-5/8"	22#	150'	60 sacks circ. to surf.
8-7/8"	5½"	10#	2600'	80 sacks
2-7/8" tubing	4-3/4"	3#	2750'	open hole packer

Operator plans to drill a 2750' Shinarump oil test. Drill cutting samples will be taken every thirty feet from below surface casing to 2000' and every ten feet thereafter. Dual induction, gamma and density logs will be run before setting a string of 5½" protection casing to 2600' and on the bottom portion of the hole from 2600' to 2750'. The bottom portion of the hole will be drilled with air rotary methods and a 4-3/4" bit. If commercial production is encountered, the well will be completed according to approved operating standards as they apply to the productive capacity of the well. If the well is non-commercial, it will be plugged and abandoned and the location restored [illegible] contour as per state regulations.

RECEIVED APR 30 1980

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 5-1-80
BY: [illegible]

Providing proper blowout prevention equipment is used

DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed: Donald Reitz Title: partner Date: 4-27-80

(This space for Federal or State office use)

Permit No. 43-047-30695 Approval Date: 5/1/80

Approved by: ____ Title: ____ Date: ____
Conditions of approval, if any:

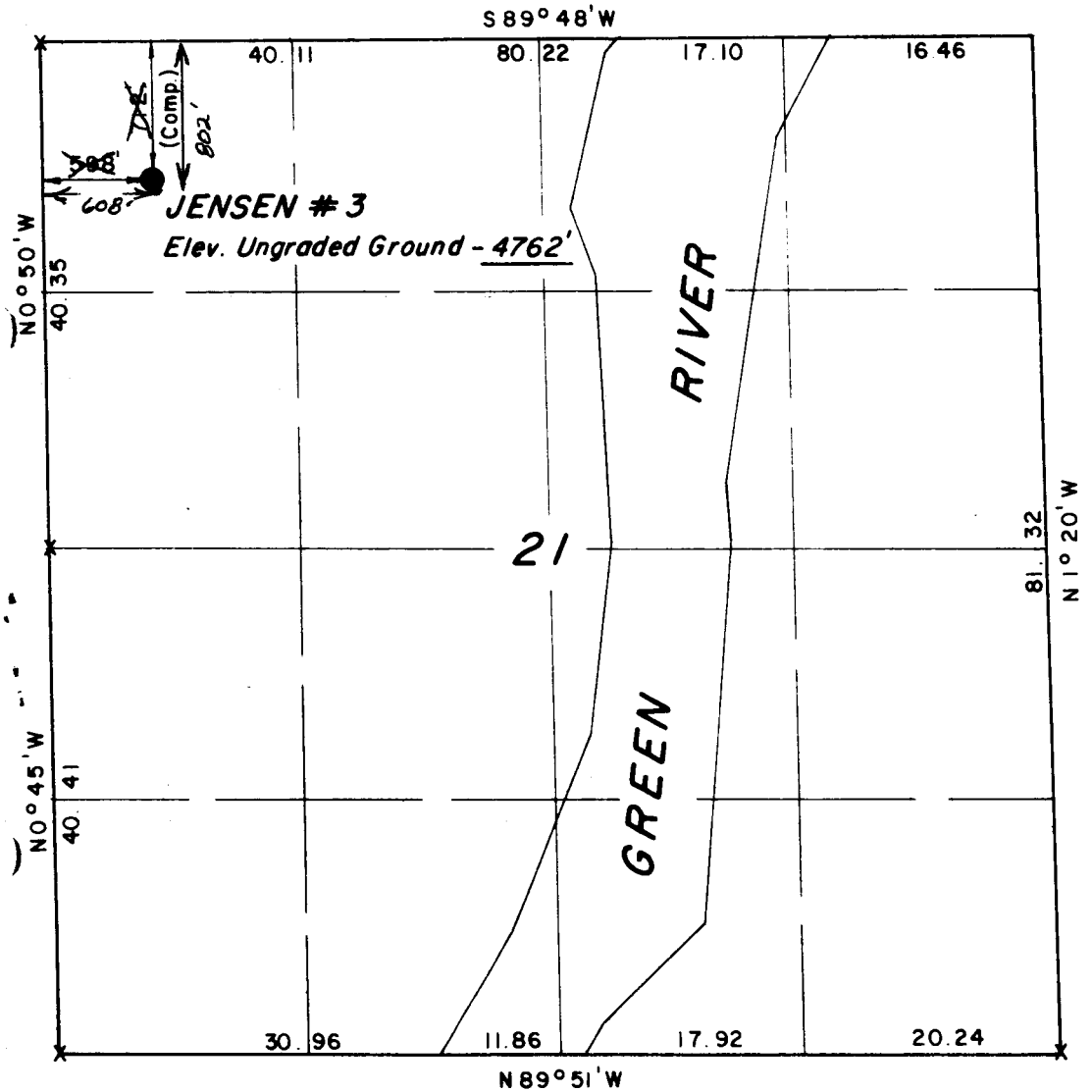
*See Instructions On Reverse Side

T5S, R23E, S.L.B.&M.

PROJECT

PETRO DYNE

Well location, *JENSEN # 3*, located as shown in the NW 1/4 NW 1/4 Section 21, T5S, R23E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION № 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE JAN. 9, 1980
PARTY DA DF MH RP	REFERENCES GLO Plat
WEATHER Overcast / Cold	FILE PETRO DYNE

~~Bill McGrandan~~
~~322-3029~~

** FILE NOTATIONS **

DATE: april 30, 1980

Operator: Petrodyne Production Company

Well No: Jensen #3

Location: Sec. 21 T. 5S R. 23E County: Uintah

File Prepared: ✓ Entered on N.I.D.: ☐

Card Indexed: ✓ Completion Sheet: ✓

✓ API Number 43-047-30695

CHECKED BY:

Geological Engineer:

Petroleum Engineer: M.J. Minder 5-1-80
Providing proper blowout prevention equipment is used

Director:

APPROVAL LETTER:

Bond Required: ✓ Survey Plat Required: ☐

Order No. O.K. Rule C-3 ✓

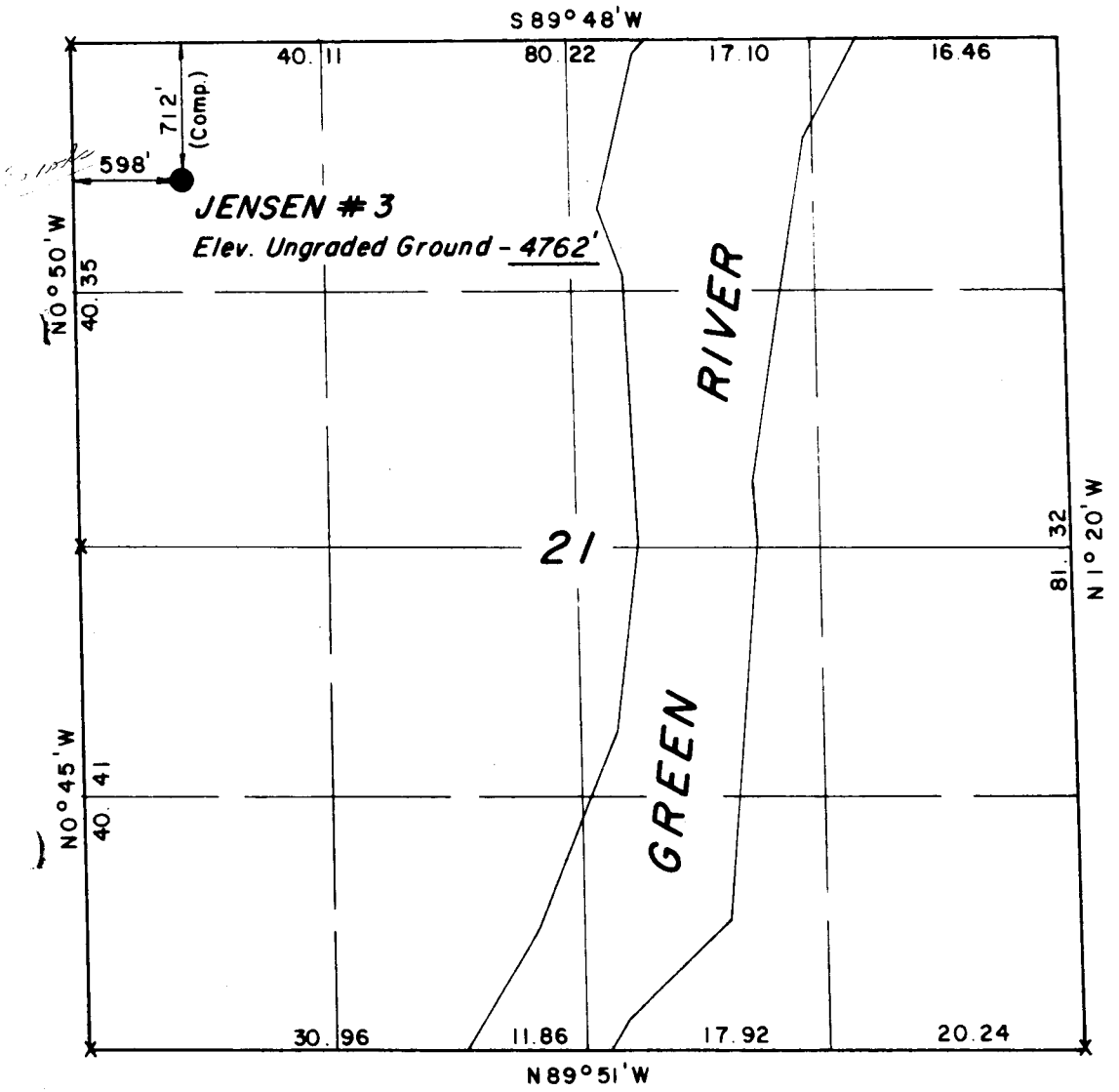
#1 Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fee Plotted on Map ✓

Approval Letter Written ✓
letter

nl
PI

T5S, R23E, S.L.B.&M.



X = Section Corners Located

PROJECT

PETRO DYNE

Well location, *JENSEN # 3*, located as shown in the NW 1/4 NW 1/4 Section 21, T5S, R23E, S.L.B.&M. Uintah County, Utah.

RECEIVED
APR 30 1980
DIVISION OF
OIL, GAS & MINING

N

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION № 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE JAN. 9, 1980
PARTY DA DF MH RP	REFERENCES GLO Plat
WEATHER Overcast / Cold	FILE PETRO DYNE

May 1, 1980

Petrodyne Production Company
3489 West 72nd Street, Suite 109
Westminster, Colorado 80030

Re: Well No. Jensen #3
Sec. 21, T. 5S, R. 23E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30695.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm

cc

C

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Petrodyne Production Company

WELL NAME: Jensen #3

SECTION 21 NW NW TOWNSHIP 5S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Drillwest

RIG #

SPUDDED: DATE 5/4/80

TIME 5:30 p.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Don Reitz

TELEPHONE # 303-428-8713

DATE May 5, 1980 SIGNED Original Signed By M. T. Minder

cc

LAND & MARINE RENTAL CO.
1800 N E LOOP 410 SAN ANTONIO TEXAS 78217
512 824-2378
Drilling Completion Production & Fishing Tools

RECEIVED
MAY 6 1980
DIVISION OF
OIL, GAS & MINING

May 2, 1980

Mr Mike Minder
Div of Oil Gas & Mining
1588 W. N. Temple
Salt Lake City, Utah 84116

Mike Minder:

Here is a pictorial of the blow out preventor for Petrodyne Petroleum, Jensen #3.

I hope this meets your requirements

Lee Thompson

Lee Thompson
Asst. Store Manager
Vernal, Utah

Drill West out
Billing, Montana

LT/fran

9–331
1973

Form Approved.
Budget Bureau No. 42–R1424

Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9–331–C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Petrodyne Production Company

3. ADDRESS OF OPERATOR
3489 W. 72nd Ave., #109, Westminster, Co. 80030

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 802 FNL 608 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. Jensen #3

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW NW 21, T5S, R23E, SLM

12. COUNTY OR PARISH Uintah | 13. STATE Utah

14. API NO. 43-047-30695

15. ELEVATIONS (SHOW DF, KDB, AND WD) GL 4764' KB 4774

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other) Notification of Change of location, BOP spec. and surf. casing depth		

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Change location to the following due to soft ground conditions 802 FNL, 608 FWL.
2. Change GL to 4764'
3. Upgrade BOP from manual 8" to hydraulic 10" Hydrill with both pipe and blind rams that will close on any pipe size.
4. Because only 40' of gravel were penetrated above 91 feet of Mancos Shale, 130' of 36.6# 8 5/8" surface pipe was set and cemented with 70 sacks cement circulated to surface. 5/6/80

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
Petrodyne Production Company
SIGNED Donald Reitz TITLE Partner DATE 5-8-80
Donald Reitz, Partner

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE 5-20-80
BY W. J. Minder

RECEIVED
MAY 12 1980
DIVISION OF
OIL, GAS & MINING

*See Instructions on Reverse Side

5/2 /80
Petrodyne Production company
Well # Jensen #3 Section
21 Township 5S Rang 23 East
Uintah County
Drilling Contractor - Drill West
Billings, Montana

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR: Petrodyne Production Company

8. FARM OR LEASE NAME: Jensen

3. ADDRESS OF OPERATOR: 3489 W. 72nd Ave., #109, Westminster, Colo. 80030

9. WELL NO.: 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

NW NW Sec. 21-T5S-R23E

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 23-T5S-R23E

14. PERMIT NO.: 43-047-30695

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4764' GL; 4774' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[XX]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached Drilling/Completion Report and schematic. One copy each of logs and DST Report included.

18. I hereby certify that the foregoing is true and correct

SIGNED William E. Fraser TITLE Exploration Manager DATE June 25, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Log Tops:

Dakota	389	(+4385)
Morrison	446	(+4328)
Saltwash	1014	(+3760)
Curtis	1282	(+3492)
Entrada	1422	(+3352)
Carmel	1630	(+3144)
Navajo	1730	(+3044)
Chinle	2428	(+2346)
Shinarump	2606	(+2168)

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

WELL NAME: Jensen #3

WELL LOCATION: NW NW 21, T5S, R23E

COUNTY: Uintah

STATE: Utah

PROPOSED DEPTH: 2750'

ELEVATIONS: 4764' GL

4774' KB

FORMATION TESTED: Shinarump

API: #43-047-30695

REV. 6/25/80

DATE	DEPTH	REMARKS
06/14/80	2667'	Swb brine water. Hole kicked and unloaded thru a 2" line before end of first swb. Blew gas, salt wtr w/tr. of cement until Halliburton hooked up for acid job. (approx. 45 min.) Halliburton spotted 500 gal. 15% MSR acid. Displ. acid w/2% Kcl wtr. (30 bbls acid solution plus 5 bbls Kcl wtr, total 35 bbls). Perf took acid job well. Max press 1100# @ 3 bbls per min. Well blew good and died then regained blow although somewhat diminished but at steady rate. Cont. to blow gas w/very small stream of salty acid wtr til 5 PM. Wtr became sli less acid by end of final flow period. Well maintained faint mist and very sm stream of sli acid salt wtr. Well SI 5 PM with 422 psi on a new 2000# gauge. Rig moved off loc at 5:45 PM, June 14. Wellhea assembly completed. WO NW Pipeline to test.

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

WELL NAME: Jensen #3

WELL LOCATION: NW NW 21, T5S, R23E

COUNTY: Uintah

STATE: Utah

PROPOSED DEPTH: 2750'

ELEVATIONS: 4764' GL

4774' KB

FORMATION TESTED: Shinarump

API: #43-047-30695

REV. 6/25/80

DATE	DEPTH	REMARKS
06/6/80	2645'	Jet pits, mix, brine and polymer, RIH tag top plug 2171' prep t drill plug. SION.
06/7/80	2645'	Drl plugs and 181' cmt, washed sand off BP, POOH, rig up retrieving head, RIH unseated BP, POOH, SION.
06/8/80	2645'	SD Sunday.
06/9/80	2667'	Rig up to drill fill w/3½" tbg, strap in hole, tag fill @ 2580'. Circ out SOCW, drld fill and 17' new hole. Pumped 100 sx Type 16.5#/gal cmt w/.75% CFR-2, displ. w/250 gal acetic acid followe by 2% KCl wtr. SI, WOC for 24 hrs.
06/10/80	2667'	WOC.
06/11/80	2667'	Rig up Dresser, run cmt bond log 2580-2663 good bond 2588 to 2663. Perf 2613-21 w/2 SPF, broke dn perfs with 6 bbls acetic acid pumped at ¼ bbl/min @ 2000 psi, perfs broke @ pumping rate increased to ½ bbl/min @ 1000 psi; ISI 1000 psi. Swbd 9 runs,re 17 bbls Kcl wtr w/slight OC in last two runs. Swb run 10 rec acid wtr w/good OC. SD 1 hr. Swb run 11 rec .4 bbls 50% OC aci wtr. Swb run 12 swb dry. SD 1 hr. S b run 13 rec. 3 bbls 50% OC acid wtr. SD 1 hr. Swb run 14 rec. 1.2 bbls 20 to 30% OC acid salt water, wtr becoming more salty. SD 1 hr. Swb run 15 rec 1.8 bbl OCSW, SD, left open to tanks. 6.4 bbls total formation fluid rec. 3.2 bbls oil - 3.2 bbls acid salt wtr.
06/12/80	2667'	Swbd 10 runs 1 hr apart. Rec. 19 bbls ttl fluid. 10% B.S., 20-30% oil and 60-70% clear salty wtr. SD left open to tanks. Prep to set bridge plug on Fri and start single gas zone compl.
06/13/80	2667'	Swbd in 3 consecutive runs. Total fluid rec 8.6 bbls fluid being sli salty wtr & oil. Avg 10% oil. Cut off 3½" tbg with jet cutter @ 2565'. Set cast iron BP @ 2530'. Permission to plug back from Mike Minder, State Eng. Dumped 10 sax cement on top of BP. Filled hole w/brine wtr. Ran cement bond log. RIH w/4" csg gun - used premium high performance charge. Perf as follows: 2 shots/ft. 950-57', 960-62', 964-69'. Gross int. 19' and ttl 14' shot, @ 2 shots/ft, ttl 28 shots. RIH w/2-7/8" tbg w/retrievable packer. Set pkr @ 935'. Installed wellhead. SD for nite @ 11:45 PM.

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

PROPOSED DEPTH: 2750'

WELL NAME: Jensen #3

ELEVATIONS: 4764' GL

WELL LOCATION: NW¼ NW¼ 21, T5S, R23E

4774' KB

COUNTY: Uintah

FORMATION TESTED: Shinarump

STATE: Utah

API: #43-047-30695

REV. 6/25/80

DATE	DEPTH	REMARKS
05/22/80	2580'	Prep to remove rig wreck.
05/23/80	2580'	Remove rig wreck.
05/24/80	2580'	Prep site to move in Gamache rig #3 and new compressors.
05/25/80	2580'	Shut dn for Memorial Day.
05/26/80	2580'	Shut dn for Memorial Day.
05/27/80	2580'	Move in, rig up Gamache Rig #3.
05/28/80	2590'	Complete rig up and air drill 60' cmt, drill 10' new hole. SION.
05/29/80	2645'	Drlg w/air and foam, to 2645, top Shinarump sand 2612'. Based on drlg break, poor samples. Circ. good black oil show in 1.5 hrs. Hole not cleaning up. Rig up mist injector, begin injection of 10 bbls/hr rust inhibited foam. Hole unloaded w/ oc foam and ocw. Short trip 3 stands. SION.
05/30/80	2645'	Slight gas press. on tubing, TSTM, RIH, tag fill 2580', wash & ream to 2645' w/foam, cond. hole 2 hrs. Prep to log. Logger tagged fill 2585±. Rigged down loggers. SION.
05/31/80	2645'	RIH, tag fill 2595', prep diesel/drispac sweep, pumped sweep, hole will not unload, can't drill fill. Prep. second diesel sweep, pump sweep, - hole will not stay open. Short trip, RIH, tag fill 2605'. Released compressors, short trip 3 stands. SION.
06/1/80	2645'	Shut in, no activity.
06/2/80	2645'	Rig up portable mud pumps & tanks, mix 10# brine and polymer, run in hole, tag fill 2605', circ. out .75 bbl clean oil followed by 15-20 bbls ocw, wash and ream fill to 2645', cond. hole 2 hrs, short trip, run in hole tag fill at 2625', pulled 3 stands. SION.
06/3/80	2645'	POOH w/tbg. and collars, weld 4-3/4 bit on 2-7/8" tbg, RIH, circ. small amount of 50% OC brine,no free oil. Drill fill to 2645', hole tite @ 2615'. Rig up Dresser Atlas, run gamma & neutron through tbg. Pull tbg. out of hole, run cmt. bond log on protection string. Good cmt. bond 2270-2580'. Rig dn. loggers, Log Top: Shinarump 2606' (+2168)
06/4/80	2645'	W.O.O.
06/5/80	2645' TD	RIH & set retrievable bridge plug at 2450, spot 3 cu. ft. sand over BP, POOH, tested 5½" csg & BP @ 1000 psi for 5 min., no press. drop. Perf 4 holes @ 2150. Pumped 28 bbls & broke circ., pumped 85 sx 13.6# Halcolite, 110 sx 16.4# Type 2, 115 sx 13.6# Halcolite and 25 sx 15.6# Type 2 w/3% $CaCl_2$, ran 2 rubber plugs, displ w/50 bbls fresh wtr, good circ to surface. SI w 900 psi @ 3:05 PM.

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

WELL NAME: Jensen #3

WELL LOCATION: NW¼ NW¼ 21, T5S, R23E

COUNTY: Uintah

STATE: Utah

PROPOSED DEPTH: 2750'

ELEVATIONS: 4764' GL

4774' KB

FORMATION TESTED: Shinarump

API: #43-047-30695

Day ending - 8:00 A.M.

REV. 6/25/80

DATE	DEPTH	REMARKS
05/13/80	1295'	Drlg w/bit #3 to 1085'. Tripped bit #3. RIH w/bit #4. MW 10.2, visc 30, FC 3/32" pH 9. Sample top: Saltwash 1012 (+3762).
05/14/80	1505'	Drlg in Entrada - w/bit #5. Mud visc 34, wt 10.2, WL 30 FC 4/32" Entrada sample top @ 1425', (+3349).
05/15/80	1705'	Drlg. Md wt 9.7#, visc 31, pH 8, FC 3/32" dev 1-3/4° @ 1526.
05/16/80	2442'	Drlg w/bit #6 in Chinle. Sample Tops: Navajo 1727 (+3047) Chinle 2425 (+2349). Drlg 5-6½ hr. Bkg & gas 80 units. Md wt 9.7# visc 31, pH 8, FC 3/32". Circ & cond mud, prep to log and test. Md wt. 10.2#, WL 6.8.
5/17/80	2577' (D.T.D.) 2580' (L.T.D.)	Trip out wet string, dev 2½° @ 2480'. RU loggers, log, RD loggers. Short trip to 1200', circ 1 hr, POH prep to run DST #1. Note: corrected KB 4774.

Log Tops:

Dakota	389	(+4385)
Morrison	446	(+4328)
Saltwash	1014	(+3760)
Curtis	1282	(+3492)
Entrada	1422	(+3352)
Carmel	1630	(+3144)
Navajo	1730	(+3044)
Chinle	2428	(+2346)
C.P.T.D.	2580	
Proj. top Shinarump	2598	(+2176)

05/18/80	2580'	Make up test tool, strap in hole, set cntr of top pkr @ 940', cntr btm pkr @ 976'. DST #1 (942-974) IO-38 min, ISI-30 min, SO-1 hr, SSI-2 hr IO flowed GTS in 5 min, 543 MCFD on ½" orif SO flowed. GTS immediately, 817 MCFPD on 1" orif rec 10' fresh wtr. Rig dn tester, trip in to wash & cond hole, prep to run protection string.
05/19/80	2580'	Cond hole, short trip 15 stands, run csg. Cmt. w/60 sx type H cmt. W.O.C.
05/20/80	2580'	Rigging up compressors until 4:00 PM.
05/21/80	2580'	Water truck snagged guy wire, pulled derrick over. No injuries. Activities suspended pending removal of wrecked derrick. No damage to well bore or well head.

T I T E H O L E

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

PROPOSED DEPTH: 2750'

WELL NAME: Jensen #3

ELEVATIONS: 4764' GL

WELL LOCATION: NW¼ NW¼ 21, T5S, R23E

4774' KB

COUNTY: Uintah

FORMATION TESTED: Shinarump

STATE: Utah

API: #43-047-30695

Day ending - 8:00 A.M.

REV. 6/25/80

DATE	DEPTH	REMARKS
04/30/80		Building location/road
05/01/80		Building road; dug shallow reserve pits
05/02/80		Building location/road, set 5' of 60 in. steel pipe for BOP/cellar
05/03/80		Moved on location, rig up.
05/04/80		Mixed mud. Spud 5:00 P.M. Shut down at dark. No break tower available.
05/05/80	100'	Second tower arrived. Drilling 11 inch diameter surface hole (river gravel and boulders) Rig shut-down at 8:30 P.M. W.O.B.; light plant down for repairs.
05/06/80	131'	W O C 8 A.M. - 2 P.M. drilg. 11 inch. surface hole. Rig up to run 8 5/8" 36.6# surface casing. Ran 153' 8 5/8", tagged btm. 131', pulled back 1 ft., circ. hole 1 hr., pumped 70 sacks cement, circulated to surface, press up plug to 300 psi. Shut-in, waiting on cement.
05/07/80	131'	WOC, cut off csg, install and nipple up BOP. 10:30 A.M. (5-7-80) to 8:00 A.M. (5-8-80)
05/08/80	165'	Rig up and repair mud tanks, pick up btm. hole assy. tag cmt., 98.34' KB. Prep to drill cmt. w/7 7/8" Hughes OSC3J 15/32" jts. drld. cmt., tripped plugged bit, changed to 16/32" jts. 8:00 A.M. (5-9-80) drlg. & mxg. mud.
05/09/80	165'	Conditioning & mixing mud. Shut down 2 hrs. due to hydraulic leak. Hooked up de-sander, drilling tite hole, (bentonite) worked hole out, drilled tite hole 4:45P.M. - 9:00P.M. Stuck in hole, and working bit loose 9:00P.M.-3:00A.M. Drlg., working on mud pump till 8:00A.M. (5/10/80)
05/10/80	547'	Drlg. Morrison, 1 min/ft or less. Sample tops: Dakota 395'(+4379), Morrison 465'(+4309') Gas kick @ 375' 180 units in Mowry or Frontier. Gas kick @ 410', 45 units, avg. 20 units. Decr. to 8 units @ 488'.
05/11/80	965'	Drlg. w 8.7# SW. SD 11:00A.M. - 4:30P.M. for rig repair. 4:30 P.M. - 7:15A.M. drlg. Well blew out at 7:15 A.M. Well SI at 9:00A.M. prep to kill flow w/ heavy brine.
05/12/80	965'	Well SI. Annulus pressure 150 psi. Waiting on salt H_2O. NU kill line. Well killed at 4:00AM with 10# per gallon brine. Condition mud and circulate, prep. to open BOP and drill. Current status, drilling ahead 980'. (8:00AM, 5/13/80)

Phone
713-790-9132

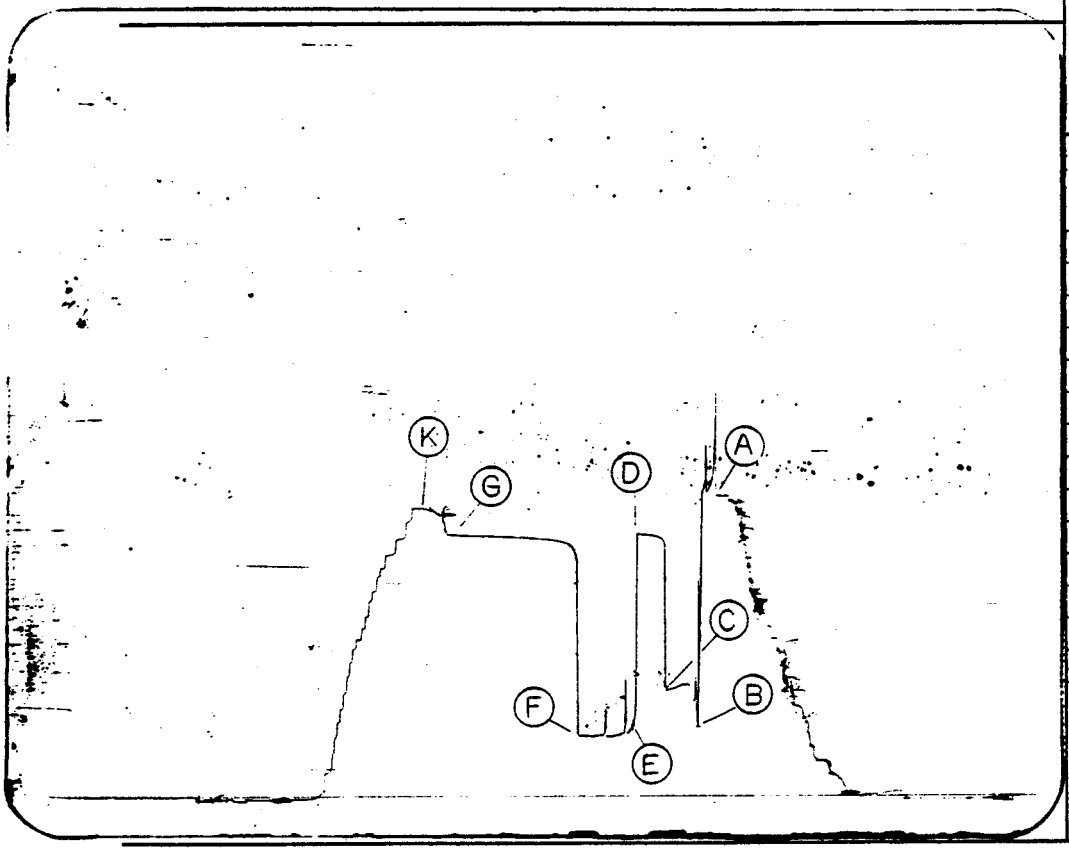
LYNES, INC

Box 12486
Houston, TX 77017

Operator Petrodyne Producing Co.
Address 3489 W. 72nd Ave., Suite 109 Westminster, Co. 80030

Well Name and No. Jenson #3
Ticket No. 20793
Date 5-18-80
DST No. 1
No. Final Copies 5

Contractor	Drilwest, Inc.	Top Choke	1/2 & 1"	Flow No. 1	38 Min.
Rig No.	R4	Bottom Choke	9/16"	Shut-in No. 1	30 Min.
Spot	NW-NW	Size Hole	7 7/8"	Flow No. 2	60 Min.
Sec.	21	Size Rat Hole	--	Shut-in No. 2	120 Min.
Twp.	5 S	Size & Wt. D. P.	2 3/8" 10.60	Flow No. 3	-- Min.
Rng.	23 E	Size Wt. Pipe	--	Shut-in No. 3	-- Min.
Field	Wildcat	I. D. of D. C.	2 1/4"		
County	Uintah	Length of D. C.	41'		
State	Utah	Total Depth	2882'	Bottom Hole Temp.	78°
Elevation	4774' "K.B."	Interval Tested	942-974'	Mud Weight	9.8
Formation	Morrison	Type of Test	Inflate Straddle	Gravity	--
				Viscosity	35
				Tool opened @	12:20



Inside Recorder

PRD Make Kuster AK-1
No. 5978 Cap. 1200 @ 919'

Press		Corrected
Initial Hydrostatic	A	480
Final Hydrostatic	K	460
Initial Flow	B	113
Final Initial Flow	C	171
Initial Shut-in	D	419
Second Initial Flow	E	104
Second Final Flow	F	99
Second Shut-in	G	418
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wyo.
Our Tester: Myron Whiting
Witnessed By: Chuck Turner

Did Well Flow – Gas yes Oil no Water no

RECOVERY IN PIPE: 10' Water = .05 bbl.

Top Sample R.W.: .85 @ 60°F = 8100 ppm. Cl.

Blow Description:

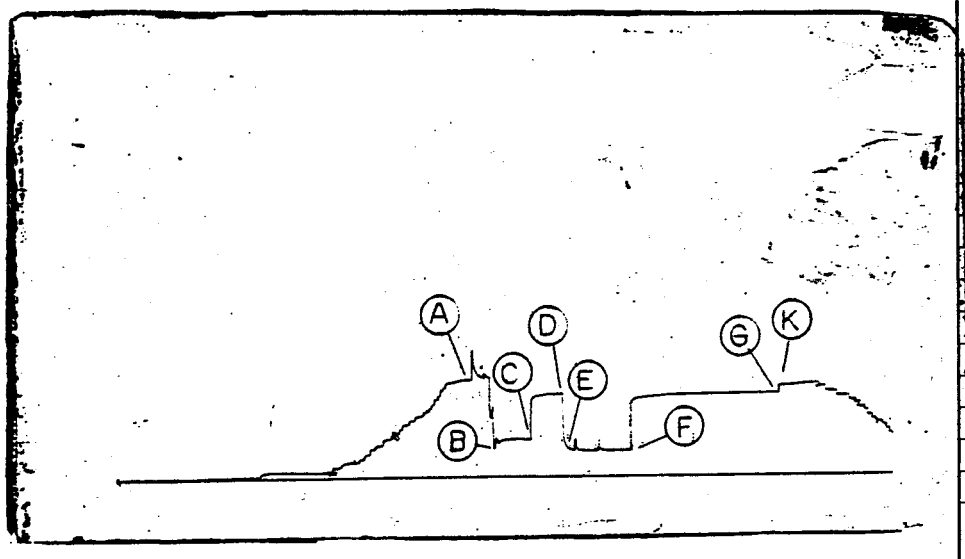
1st Flow: Tool opened with a weak blow; increased to bottom of bucket in 1 1/2 minutes, with gas to surface in 5 1/2 minutes, blow varing from 20 to 30 psi. and continued to increase to 90 psi. at end of flow period.

2nd Flow: Tool opened with gas to surface; see gas volume report.

Form 1

LYNES, INC.

Petrodyne Producing Co.	Jenson #3	1
Operator	Well Name and No.	DST No.

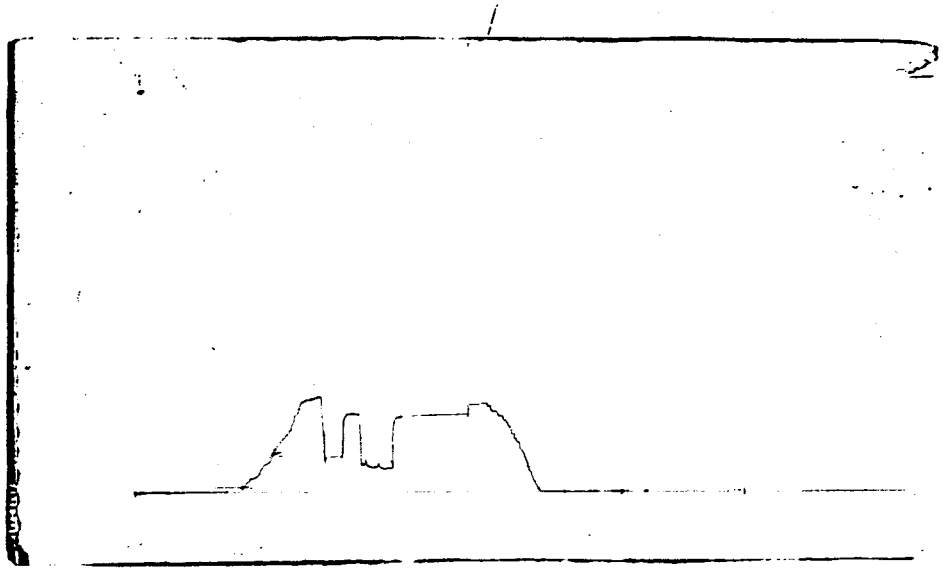


Outside Recorder

PRD Make Kuster K-3

No. 15620 Cap. 2400 @ 950'

Press		Corrected
Initial Hydrostatic	A	491
Final Hydrostatic	K	476
Initial Flow	B	119
Final Initial Flow	C	180
Initial Shut-in	D	426
Second Initial Flow	E	121
Second Final Flow	F	109
Second Shut-in	G	425
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Outside Recorder

PRD Make Kuster K-3

No. 13723 Cap. 2500 @ 950'

Press		Corrected
Initial Hydrostatic	A	494
Final Hydrostatic	K	478
Initial Flow	B	125
Final Initial Flow	C	183
Initial Shut-in	D	424
Second Initial Flow	E	119
Second Final Flow	F	111
Second Shut-in	G	422
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

Form 3

LYNES, INC.

Operator Petrodyne Producing Co. Lease & No. Jenson #3 DST No. 1

Comments relative to the analysis of the pressure chart from DST #1 Interval: 942'-974', which was run in the above captioned well located in the NW-NW Section 21, T5S, R23E, Uintah County, Utah.

This analysis has been made on the basis of the gas recovery, the Horner extrapolation method and the gas equations applicable as shown on the inside of the back cover of this report folder.

For purposes of this analysis, the following reservoir parameters, gas properties, and test parameters have been used:

$T_f = 538^{\circ}R$, $\mu = 0.015$ cps., h = 10 feet (estimated) t = 98 minutes, m = 30327 psi/log cycle.

1. Extrapolation of the Initial shut-in pressure build-up curve indicates a maximum reservoir pressure of 428 psi. at the recorder depth of 919 feet. Extrapolation of the Final shut-in pressure bukld-up curve indicates a maximum reservoir pressure of 428 psi.

2. The calculated Average Production Rate, which was used in this analysis, 863.2 MCF/D, is based upon the reported stabilized gas flow rates, taken 40 minutes into the second flow period (817 MCF/D) and remained constant for the duration of the test.

3. The calculated Estimated Damage Ratio of 1.2 indicates that no significant wellbore damage was present at the time of this formation test.

4. The calculated Effective Transmissibility of 20167.2 md.ft./cp. indicates an average permeability to gas of 30.25 md., for the estimated 10 feet of effective porosity within the total 32 feet of interval tested.

5. The evaluation criteria used in the Drill Stem Test Analysis System indicate that the results obtained in this analysis should be reliable within reasonable limits relative to this assumptions which have been made.

P.D. Banks

P.D.Banks
Technical Service Manager

Lynes, Inc.

Form 2

RESERVOIR PARAMETERS:

RESERVR TEMP	538.000	BTTM HOL TMP	78.000	SPEC GRAVITY	.700
VISCOSITY	.015	Z FACTOR	.850	DST GAS RATE	817.000
WELL RADIUS	.328	PAY THICKNES	10.000	SUBSEA DEPTH	3855.000
WATER GRADNT	.433				

REPORT #2985

WELL NAME - JENSON 3

WELL OPERATOR - PETRODYNE PRODUCING CO.

DST NUMBER - 1

RECORDER NUMBER - 5978

CALCULATIONS: SECOND SHUT IN

EXTRAPOLATED RESERVOIR PRESS.(PSIG)	427.9
NO. OF POINTS ENTERED.....	29.0
NO. OF POINTS USED IN EXTRAPOLATION	7.0
ROOT MEAN SQUARE DEVIATION OF BEST FIT LINE(PSI) .	.000
TOTAL FLOW TIME(MIN)	98.0
TRANSMISSIBILITY(MD-FT/CP)	20167.2
IN SITU CAPACITY(MD-FT)	302.5
AVERAGE EFFECTIVE PERMEABILITY(MD)	30.25
RADIUS OF INVESTIGATION(FT)	22.5
ACTUAL CAPACITY(MD-FT)	159.7
ESTIMATED DAMAGE RATIO	1.2
MAXIMUM AOF(MCF/D)	863.2
MINIMUM AOF(MCF/D)	839.8
MAXIMUM AOF DAMAGE REMOVED(MCF/D)	1062.9
MINIMUM AOF DAMAGE REMOVED(MCF/D)	1034.0
DRAWDOWN FACTOR(%)	.0
POTENTIOMETRIC SURFACE(FT)	4843.3

WE'' NAME: JENSON 3

DST NUMBER: 001

RECORDER NUMBER: 005978

INTERVAL TESTED: 942FT TO 974FT

RECORDER DEPTH: 919.000FT

TOTAL FLOW TIME: 38.0MIN

FIRST SHUT IN PRESSURE (GAS)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	PRESSURE (PSI^2)/10^6
.0	.0000	171.0	.02924
1.0	39.0000	217.0	.04709
2.0	20.0000	398.0	.15840
3.0	13.6667	407.0	.16565
4.0	10.5000	409.0	.16728
5.0	8.6000	411.0	.16892
6.0	7.3333	412.0	.16974
7.0	6.4286	413.0	.17057
8.0	5.7500	414.0	.17140
9.0	5.2222	415.0	.17222
10.0	4.8000	415.0	.17222
12.0	4.1667	416.0	.17306
14.0	3.7143	416.0	.17306
16.0	3.3750	417.0	.17389
18.0	3.1111	417.0	.17389
20.0	2.9000	418.0	.17472
22.0	2.7273	418.0	.17472
24.0	2.5833	419.0	.17556
26.0	2.4615	419.0	.17556
28.0	2.3571	419.0	.17556
30.0	2.2667	419.0	.17556

EXTRAPOLATED PRESSURE: 428.02

WE'' NAME: JENSON 3

DST NUMBER: 001

RECORDER NUMBER: 005978

INTERVAL TESTED: 942FT TO 974FT

RECORDER DEPTH: 919.000FT

TOTAL FLOW TIME: 98.0MIN

SECOND SHUT IN PRESSURE (GAS)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	PRESSURE (PSI^2)/10^6
.0	.0000	99.0	.00980
1.0	99.0000	129.0	.01664
2.0	50.0000	386.0	.14900
3.0	33.6667	395.0	.15602
4.0	25.5000	397.0	.15761
5.0	20.6000	399.0	.15920
6.0	17.3333	400.0	.16000
7.0	15.0000	401.0	.16080
8.0	13.2500	402.0	.16160
9.0	11.8889	403.0	.16241
10.0	10.8000	403.0	.16241
12.0	9.1667	404.0	.16322
14.0	8.0000	405.0	.16402
16.0	7.1250	406.0	.16484
18.0	6.4444	407.0	.16565
20.0	5.9000	408.0	.16646
22.0	5.4545	409.0	.16728
24.0	5.0833	409.0	.16728
26.0	4.7692	410.0	.16810
28.0	4.5000	410.0	.16810
30.0	4.2667	410.0	.16810
40.0	3.4500	411.0	.16892
50.0	2.9600	412.0	.16974
60.0	2.6333	413.0	.17057
70.0	2.4000	414.0	.17140
80.0	2.2250	415.0	.17222
90.0	2.0889	416.0	.17306
100.0	1.9800	417.0	.17389
110.0	1.8909	418.0	.17472
120.0	1.8167	418.0	.17472

SLOPE: 30326.79

EXTRAPOLATED PRESSURE: 427.92

HORNER PLOT

TEST DATE: 05 18 80

WELL NAME: JENSON 3

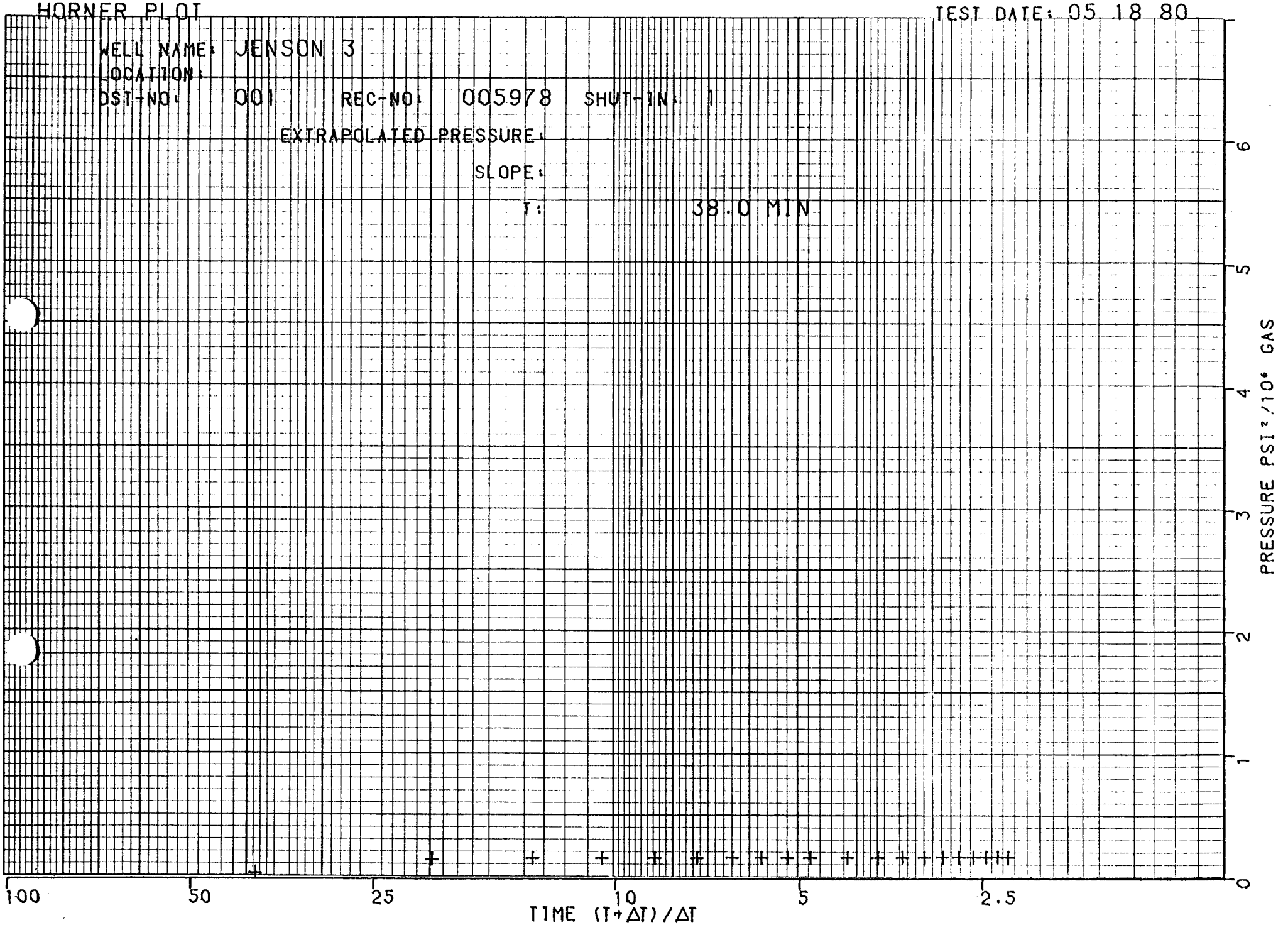
LOCATION:

DST-NO: 001 REC-NO: 005978 SHUT-IN: 1

EXTRAPOLATED PRESSURE:

SLOPE:

T: 38.0 MIN



HORNER PLOT

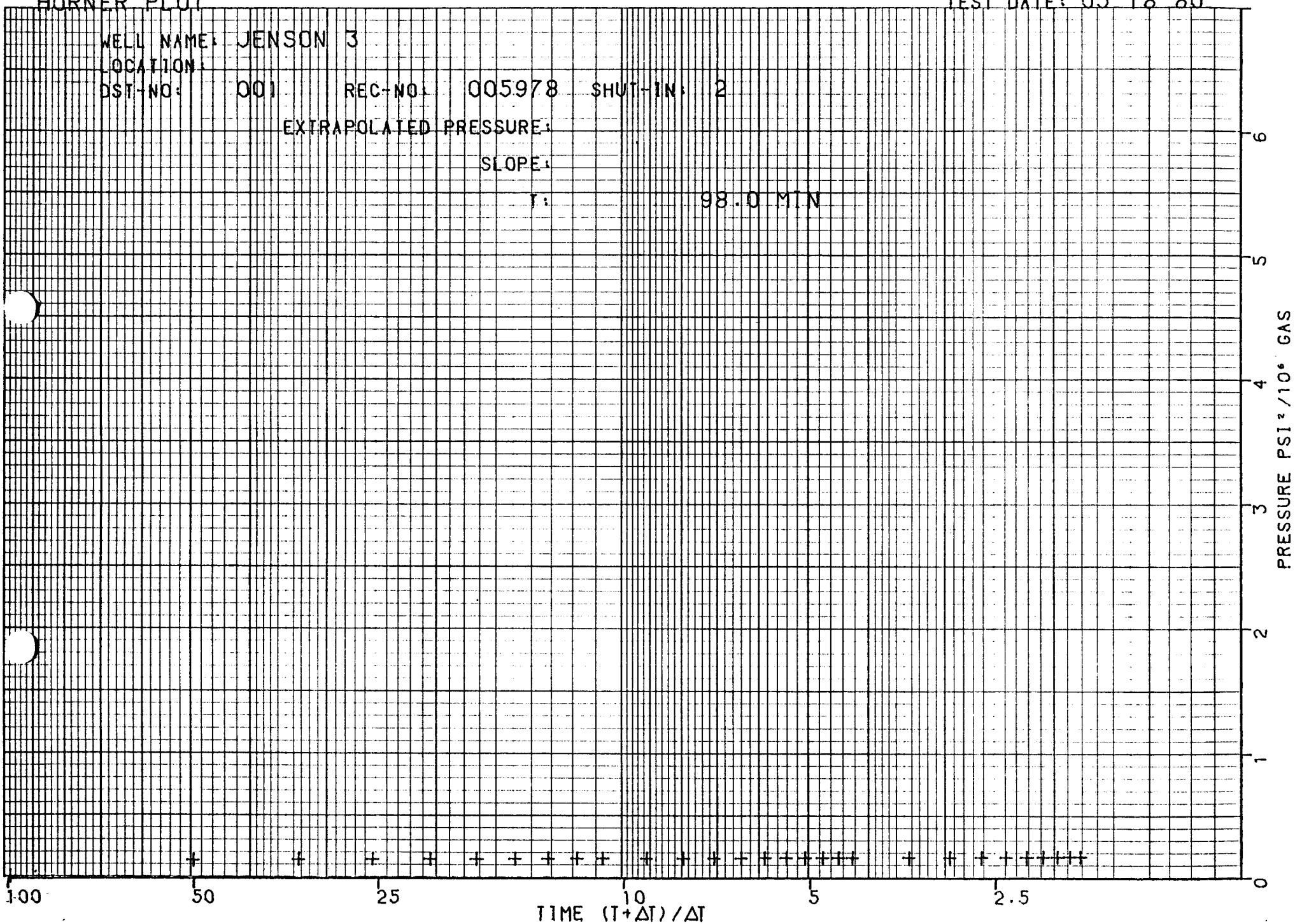
TEST DATE: 05 18 80

WELL NAME: JENSON 3
LOCATION:
DST-NO: 001 REC-NO: 005978 SHUT-IN: 2

EXTRAPOLATED PRESSURE:

SLOPE:

T: 98.0 MIN



LYNES, INC.

Gas Volume Report

Operator Petrodyne Producing Co. Lease & No. Jenson #3 DST No. 1

Second Flow:

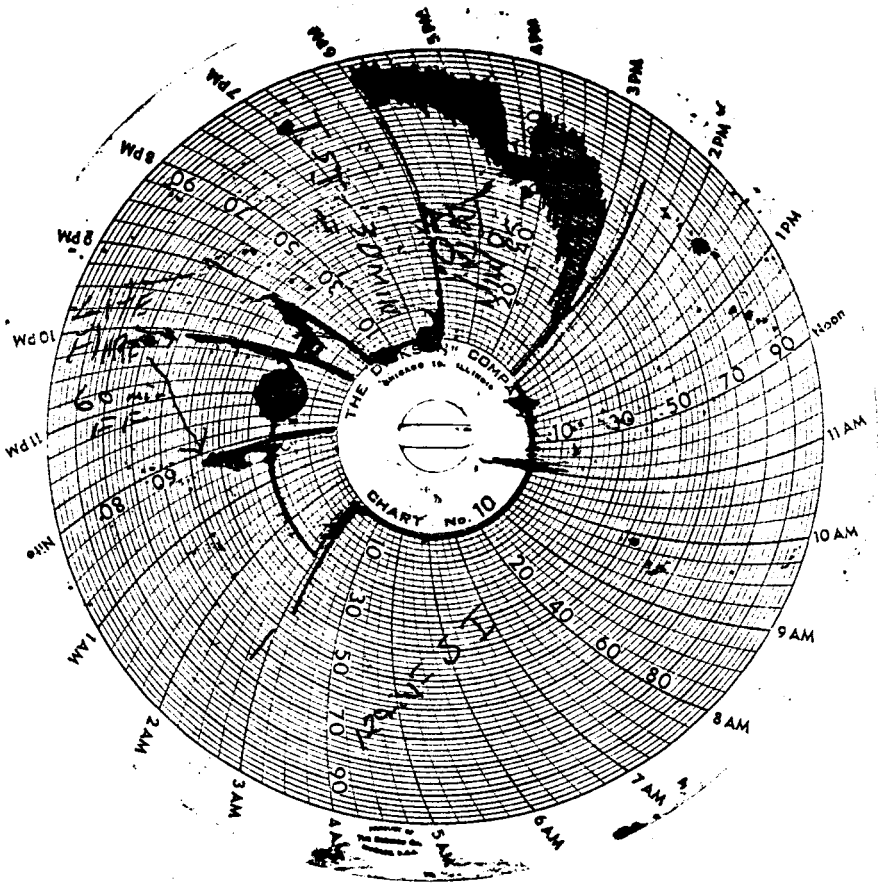
Min.	PSIG	Orifice Size	MCF/D	Min.	PSIG	Orifice Size	MCF/D
20	22	1"	773.0				
25	22	"	773.0				
30	23	"	796.0				
35	23	"	796.0				
40	24	"	817.0				
45	24	"	817.0				
50	24	"	817.0				
55	24	"	817.0				
60	24	"	817.0				

Remarks:

Form 4

LYNES, INC.

Operator Petrodyne Producing Co. Lease & No. Jenson #3 DST No. 1



Form 2

LYNES, INC.

Sampler Report

Company: Petrodyne Producing Co. Date: 5-18-80

Well Name & No.: Jenson #3 Ticket No.: 20793

County: Uintah State: Utah

Test Interval: 942-974' DST No.: 1

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 500 cc.

Pressure in Sampler: 87 psig

Oil: None cc.

Water: 500 cc.

Mud: None cc.

Gas: 1.25 cu. ft.

Other: None

Sample R.W.: .80 @ 55°F = 9300 ppm. Cl.

Resistivity

Make Up Water R.W. 1.2 @ 55°F of Chloride Content 6300 ppm.

Mud Pit Sample R.W. .05 @ 65°F of Chloride Content 200,000 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained: On location

Remarks:

Form 5

PETRODYNE PRODUCTION COMPANY
3489 WEST 72ND AVENUE - SUITE 109 428-8713
WESTMINSTER, COLORADO 80030

June 26, 1980

RECEIVED
JUN 30 1980
DIVISION OF
OIL, GAS & MINING

Mr. Michael Minder
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

RE: Petrodyne Jensen #3
NW/4NW/4 Sec. 21-T5S-R23E
Uintah County, Utah

Dear Mr. Minder:

Enclosed in triplicate please find the following for the captioned test:

1) Form OGC-1b - Sundry Notices and Reports on Wells
2) Drilling and completion report
3) OGC-8-X - Report of Water Encountered During Drilling
4) Schematic of the well construction

In addition we are forwarding the two Gamma Ray Bond Logs not previously furnished to your office along with a copy of the DST.

Yours very truly,

PETRODYNE PRODUCTION COMPANY

William E. Freeman
Exploration Manager

/cv
Enc.

PETRODYNE PRODUCTION COMPANY
3489 WEST 72ND AVENUE - SUITE 109 428-8713
WESTMINSTER, COLORADO 80030

June 26, 1980

RECEIVED
JUN 30 1980
DIVISION OF
OIL, GAS & MINING

Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

RE: Petrodyne Jensen #3
NW/4NW/4 Sec. 21-T5S-R23E
Uintah County, Utah

TO WHOM IT MAY CONCERN:

Please be advised that the Jensen #3 location is hereby designated a TITE HOLE until further notice.

Thank you for your cooperation.

Yours very truly,

PETRODYNE PRODUCTION COMPANY

William E. Freeman
Exploration Manager

WEF/cv

CONFIDENTIAL

PETRODYNE PRODUCTION COMPANY, INC.
3489 WEST 72ND AVENUE - SUITE 109 428-8713
WESTMINSTER, COLORADO 80030

November 26, 1980

Mr. Jack Feight
Utah Division of Oil, Gas & Mining
155 West, North Temple
Salt Lake City, Utah 84116

Re: Petrodyne Jensen #3
NW NW Sec. 21-T5S-R23E
Uintah County, Utah

Dear Mr. Feight:

Enclosed is the Well Completion Report you requested by telephone this week. Please call me if you need additional information.

Yours very truly,

PETRODYNE PRODUCTION COMPANY

Don Reitz
President

DR/cv
Enc.

4

Form OGCC-1

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: PETRODYNE PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 3489 W. 72nd Ave., Suite 109, Westminster, Colorado 80030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 802' FNL, 608' FWL (NW/4 NW/4)
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Private Land

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jensen

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T5S, R23E, SLM

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.: 43-047-30695 DATE ISSUED: 5/1/80

15. DATE SPUDDED: 5/5/80

16. DATE T.D. REACHED: 6/12/80

17. DATE COMPL. (Ready to prod.): 6/14/80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 4752' GL, 4757' KB

19. ELEV. CASINGHEAD: 4755' Est.

20. TOTAL DEPTH, MD & TVD: 2,667'

21. PLUG, BACK T.D., MD & TVD: Approx. 2510'

22. IF MULTIPLE COMPL., HOW MANY*:

23. INTERVALS DRILLED BY: → ROTARY TOOLS: All CABLE TOOLS: None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Perf. 950-57, 960-62, 964-69 2 jspf Morrison fm.

25. WAS DIRECTIONAL SURVEY MADE: yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: ~~Dresser Atlas - Densilog & Dual Induction from SCP to 2580' - ran Gamma Ray - Neutron from 900 to 1100' and 2100' to 2650'~~

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	36.6#	Surf. - 130	11"	70 sx	None
5-1/2"	14#	Surf.-2582	7-7/8"	335 sx	None
3-1/2"	9.3%	2565-2667	4-3/4"	100 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	935'	935'

31. PERFORATION RECORD (Interval, size and number)
Perf 950-57) 2 spf Morrison gas
960-62) production zone
964-69)
Perf 2613-2622 Shinarump oil zone
(Temp. Abandoned)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2270' to surf.	Sqz. 150 sx Class G through perf @ 2150'
2510-2530'	10 sx cmt on top of bridge plug

33.* PRODUCTION

DATE FIRST PRODUCTION: Waiting on pipeline
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): flowing
WELL STATUS (Producing or shut-in): Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Aug. 12, 1980	24	1/2"	→	-	375 MCF	0	100% Gas

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
275#	0	→	-	-	-	-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Flared for test - production contracted to Utah Gas Service

TEST WITNESSED BY: W. E. Freeman

35. LIST OF ATTACHMENTS: Well Completion Schematic

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Donald Pet TITLE: President DATE: 11/26/80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dakota	389	446	Sandstone & siltstone - wet
Morrison	446	1014	Sandstone and shale (gas)
Saltwash Mbr. of Morrison	1014	1282	Sandstone and shale (gas and wtr)
Curtis	1282	1422	Siltstone and Sandstone (tite)
Entrada	1422	1630	Sandstone (wet)
Carmel	1630	1730	Shale
Navajo	1730	2428	Sandstone (wet)
Chinle	2428	2606	Shale (tite)
Shinarump	2606	2622	Shaley sandstone (oil - abandoned)
Moenkopi	2622	2667	Shale (tite)
		2667	T.D.

38. GEOLOGIC MARKERS

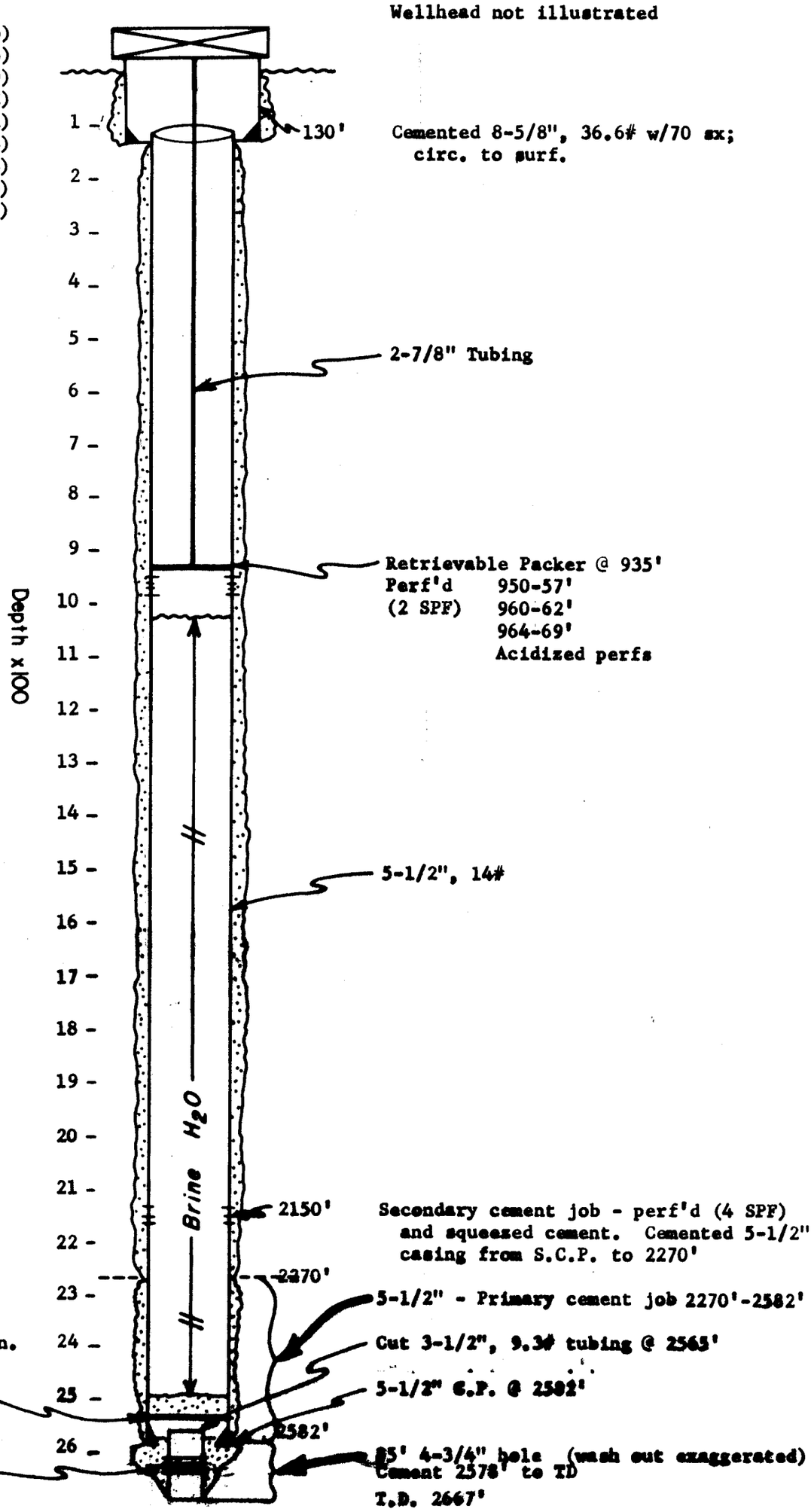
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

WELL BOREHOLE SCHEMATIC

PETRODYNE JENSEN #3
NW NW Sec. 21-T5S-R23E
Uintah County, Utah

Log Tops:

Dakota	389	(+4385)
Morrison	446	(+4328)
Saltwash	1014	(+3760)
Curtis	1282	(+3492)
Entrada	1422	(+3352)
Carmel	1630	(+3144)
Navajo	1730	(+3044)
Chinle	2428	(+2346)
Shinarump	2606	(+2168)
T.D.	2667	



February 9, 1981

Petrodyne Production Company
3489 West 72nd Avenue
Suite 109
Westminster, Colorado 80030

RE: Well No. Petrodyne Jensen #3
Sec. 21, T. 5S, R. 23E.,
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Barbara Hill

BARBARA HILL
WELL RECORDS

/bjh

Enclosures: forms

PETRODYNE PRODUCTION COMPANY, INC.
3489 WEST 72ND AVENUE - SUITE 109 428-8713
WESTMINSTER, COLORADO 80030

February 12, 1981

Confidential

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

ATTN: Barbara Hill

RE: Petrodyne Jensen #3
NW/4NW/4 Sec. 21-T5S-R23E
Uintah County, Utah

Gentlemen:

With reference to your letter of February 9, 1981, we herewith enclose a copy of our transmittal letter and the Well Completion Report filed therewith covering the captioned.

Trust this is the information you desire.

Yours very truly,

PETRODYNE PRODUCTION COMPANY, INC.

Donald Reitz

Donald Reitz
President

/cv
Enc.

FEB 17 1981

RE-ENTRY

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: Petrodyne Production Company, Inc.

3. ADDRESS OF OPERATOR: 3489 W. 72nd Ave., Westminster, Colorado 80030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface
802 FNL and 608 FWL
NW/4 NW/4 Sec. 21-T5S-R23E

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME:

9. WELL NO.: #3

10. FIELD AND POOL, OR WILDCAT: Jensen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4NW/4 Sec. 21-T5S-R23E

14. PERMIT NO.: API #4304730695

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 4774

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE	X	FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator plans to re-enter the temporarily abandon Triassic age Shinarump Zone (2613-2630') and perforate 2627-36 with 2 jspf. A 1000 gal. acid breakdown will be applied to all perfs (2613-21 and 2627-36) prior to stimulation with 19000 gal. of jelled fluid and 23,000# of sand. Acid job, frac job and production will be through 2-3/8" tubing.
Load fluid will be flowed/swabbed back to surface tanks. If commercial quantities of oil are recovered the well will be put on pump. The oil from the Shinarump zone will be produced up the tubing and gas from the Jurassic Morrison zone will be produced through the anulus.
If commercial quantities of oil are not recovered, the hole will be plugged back to 2550' with 10 sx cement. In any event, we will continue to produce Morrison gas.

We anticipate beginning work the week of October 26, 1981.

18. I hereby certify that the foregoing is true and correct

SIGNED Donald Pery TITLE President DATE 10-20-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 12/29/81
BY: B Feight

*See Instructions on Reverse Side

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 4, 1982

Petrodyne Production Company, Inc.
3489 West 72nd Avenue
Westminster, Colorado 80030

Re: Well No. Jensen #3
Sec. 21, T. 5S, R. 23E
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

Form OGC-3

SUBMIT IN DUPLICATE (See other instructions on reverse side)

56 64 01

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [X] Other

2. NAME OF OPERATOR: Petrodyne Production Company, Inc.

3. ADDRESS OF OPERATOR: 3489 W. 72nd Ave., #109, Westminster, Colorado 80030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 802' FNL, 608' FWL (NW/4 NW/4)
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: PRIVATE LAND

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jensen

9. WELL NO.: #3

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T5S, R23E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.: 43-047-30695 DATE ISSUED: 5/1/80

15. DATE SPUDDED: 5/5/80

16. DATE T.D. REACHED: 6/12/80

17. DATE COMPL. (Ready to prod.): 11/20/81 (oil zone)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 4752' GL; 4757' KB

19. ELEV. CASINGHEAD: 4755' Est.

20. TOTAL DEPTH, MD & TVD: 2,663'

21. PLUG, BACK T.D., MD & TVD: -

22. IF MULTIPLE COMPL., HOW MANY*: Single

23. INTERVALS DRILLED BY: → ROTARY TOOLS: All CABLE TOOLS: N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 2625.5'-2630.5' Triassic Shinarump Fm.

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dresser Atlas - Densilog & Dual INduction from SCP to 2580' - ran Gamma Ray - Neutron from 900 to 1100' and 2100' to 2650'.

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	36.6#	Surf. - 130	11"	70 sx	None
5-1/2"	14#	Surf. - 2582	7-7/8"	335 sx	None
3-1/2"	9.3#	2565-2667	4-3/4"	100 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	2560'	2560'

31. PERFORATION RECORD (Interval, size and number)
Perf. 2625.5'-2630.5' (1 spf, 6 shots total)
Shinarump oil zone

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2663' - 4 shots	squeezed perfs -
2644' - 2 shots	w/25 sx 16.4# class H cement w/2% CaCl
2625.5-2630.5	6 shots - acid.w/23 bbls frac w/ 234 bbls gelled diesel & 10,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION: Temp. S.I.

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Temp. S.I.; WO pumping & storage equip.

WELL STATUS (Producing or shut-in): Temp. S.I.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/18/81	-	-	→	-	-	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	→	15 BO	-	33 BW	13° API grav.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): N/A

TEST WITNESSED BY: D. D. Reitz

35. LIST OF ATTACHMENTS: N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Exploration Manager DATE 2/8/82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dakota	389	446	Sandstone & Siltstone - wet
Morrison	446	1014	Sandstone and shale (gas)
Saltwash Mbr. of Morrison	1014	1282	Sandstone and shale (gas and wtr)
Curtis	1282	1422	Siltstone and Sandstone (tite)
Entrada	1422	1630	Sandstone (wet)
Carmel	1630	1730	Shale
Navajo	1730	2428	Sandstone (wet)
Chinle	2428	2606	Shale (tite)
Shinarump	2606	2622	Shaley sandstone (oil & water)
Monekopi	2622	2667	Shale (tite)
		2667	T.D.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Jensen #3

Operator Petrodyne Production Co. *Address* 3489 W. 72nd Ave., #109, Westminster, Co. 80030

Contractor Gamache, Rig #3 *Address* Roosevelt, Utah

Location NW ¼ NW ¼ *Sec.* 21 *T.* 5S *R.* 23E *County* Uintah

Water Sands None noted

Depth		Volume	Quality
From	To	Flow Rate or Head	Fresh or Salty
1.			
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops See reverse side

Remarks Logs indicate possible (fresh?) H_2O zones in Navajo, however, no water influx due to heavy drilling fluids in borehole during drilling Navajo interval.

NOTE: (a) *Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.*
(b) *If a water analysis has been made of the above reported zone, please forward a copy along with this form.*

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Fee

7. UNIT AGREEMENT NAME

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Petrodyne Production Company, Inc.

8. FARM OR LEASE NAME: Jensen

3. ADDRESS OF OPERATOR: 3489 W. 72nd Ave., Suite 109, Westminster, Colorado 80030

9. WELL NO.: #3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 802 FNL & 608 FWL (NW/4 NW/4)

10. FIELD AND POOL, OR WILDCAT: Jensen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T5S-R23E

14. PERMIT NO.: 43-047-30695

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4752' G.L.; 4757 K.B.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well is producing non-commercial quantities of hydrocarbons.

P&A Program:

No casing to be pulled.

__ Spot 50 sx cement from 2100' to T.D. (2663') across Shinarump perfs. (oil zone) and up into 5-1/2" casing.

__ Fill from 1000' to 2100' depth inside of 5-1/2" casing with heavy drilling mud.

__ Spot 10 sx cement across Morrison perfs. (gas zone) from 920' to 1000'.

__ Fill from 130' (base of surface casing point) to 920' depth inside of 5-1/2" casing with heavy drilling mud.

__ Spot 10 sx cement thru 130' of 8-5/8" surface casing to surface.

Work should commence by December 1, 1982.
ADVISE DIVISON WHEN WORK COMMENCES.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/13/82
BY: [signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Exploration Manager DATE September 1, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Petrodyne Production Company, Inc.

3. ADDRESS OF OPERATOR: 3489 W. 72nd Avenue, Suite 109, Westminster, Colorado 80030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 802 FNL & 608 FWL (NW/4 NW/4)

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: ~~Davis~~ JENSEN

9. WELL NO.: #3

10. FIELD AND POOL, OR WILDCAT: Jensen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T5S-R23E

14. PERMIT NO.: 43-047-30695

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4752' GL, 4757' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X] ✓
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well is producing non-commercial quantities of hydrocarbons.

P&A Program:
No casing to be pulled.

____ Spot 50 sx cement from 2100' to TD (2663') across Shinarump perfs (oil zone) and up into 5-1/2" casing.

____ Fill from 1000' to 2100' depth inside of 5-1/2" casing with heavy drilling mud.

____ Spot 10 sx cement across Morrison perfs (gas zone) from 920' to 1000'.

____ Fill from 130' (base of surface casing point) to 920' depth inside of 5-1/2" casing with heavy drilling mud.

____ Spot 10 sx cement across 130' of 8-5/8" surface casing to surface.

____ Plugging program approved by State 9/7/82.

____ State office notified by phone of commencement of plugging 6/3/83. ✓

____ Western plugged well as per above 6/3/83. ✓

ADVISE DIVISION WHEN FINAL LOCATION RESTORATION & REHABILITATION IS COMPLETED.

APPROVED BY THE STATE OF UTAH, DIVISION OF OIL, GAS, AND MINING
DATE: 7/15/83
BY: [illegible]

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Exploration Manager DATE July 11, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Petrodyne Production company, Inc.

3. ADDRESS OF OPERATOR: 3489 W. 72nd Avenue, Suite 100, Westminster, Colorado 80030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 802 FNL & 608 FWL (NW/4 NW/4)

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jensen

9. WELL NO.: #3

10. FIELD AND POOL, OR WILDCAT: Jensen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T5S-R23E

14. PERMIT NO.: 43-047-30695

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4752' GL, 4757' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Site Restoration			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

_____ All surface equipment removed from site.

_____ Access road and pad surfacing material (gravel) mucked-out.

_____ Cleaned and filled pits.

_____ Well head and anchors cutoff below plow depth.

_____ Area cleaned up.

_____ Location restored to original contours 7/15/83. Final Report.

RECEIVED JUL 26 1983 DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Exploration Manager DATE July 21, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

W

E

Top KDK

Top Jm

Jm Marker

Top Je Salt Wash

Petroleum Information Corp

Petroleum Information

Petroleum Information

Petroleum Information

Petroleum Information

Petroleum Information

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY: UTAH-VERNAL OIL
WELL: CALDWELL #1
FIELD: C. ASHLEY VALLEY
LOCATION: SEC. 32-3S-22E
COUNTY: UINTAH
STATE: UTAH
FILING No.: D 14,878

Location of Well: 33 / SW SW

10 3/4" @ 267' w/125
D&A

A RILEY REPRODUCTION
COPYRIGHT 1986 RILEY REPRODUCTION CO.

SPONTANEOUS POTENTIAL millivolts | RESISTIVITY ohms m²/m

PROPERTY OF ROCKY MOUNTAIN GEOSCIENCE LIBRARY, INC. DENVER, COLORADO 244-5715

Schlumberger DUAL INDUCTION-LATEROLOG WITH LINEAR CORRELATION LOG

COMPANY
WELL
FIELD
COUNTY
STATE

Dresser Atlas

GAMMA RAY & CALIPER | BULK DENSITY GRAMS/CC

SPONTANEOUS POTENTIAL | CONDUCTIVITY

RESISTIVITY ohms m²/m | LONG NORMAL

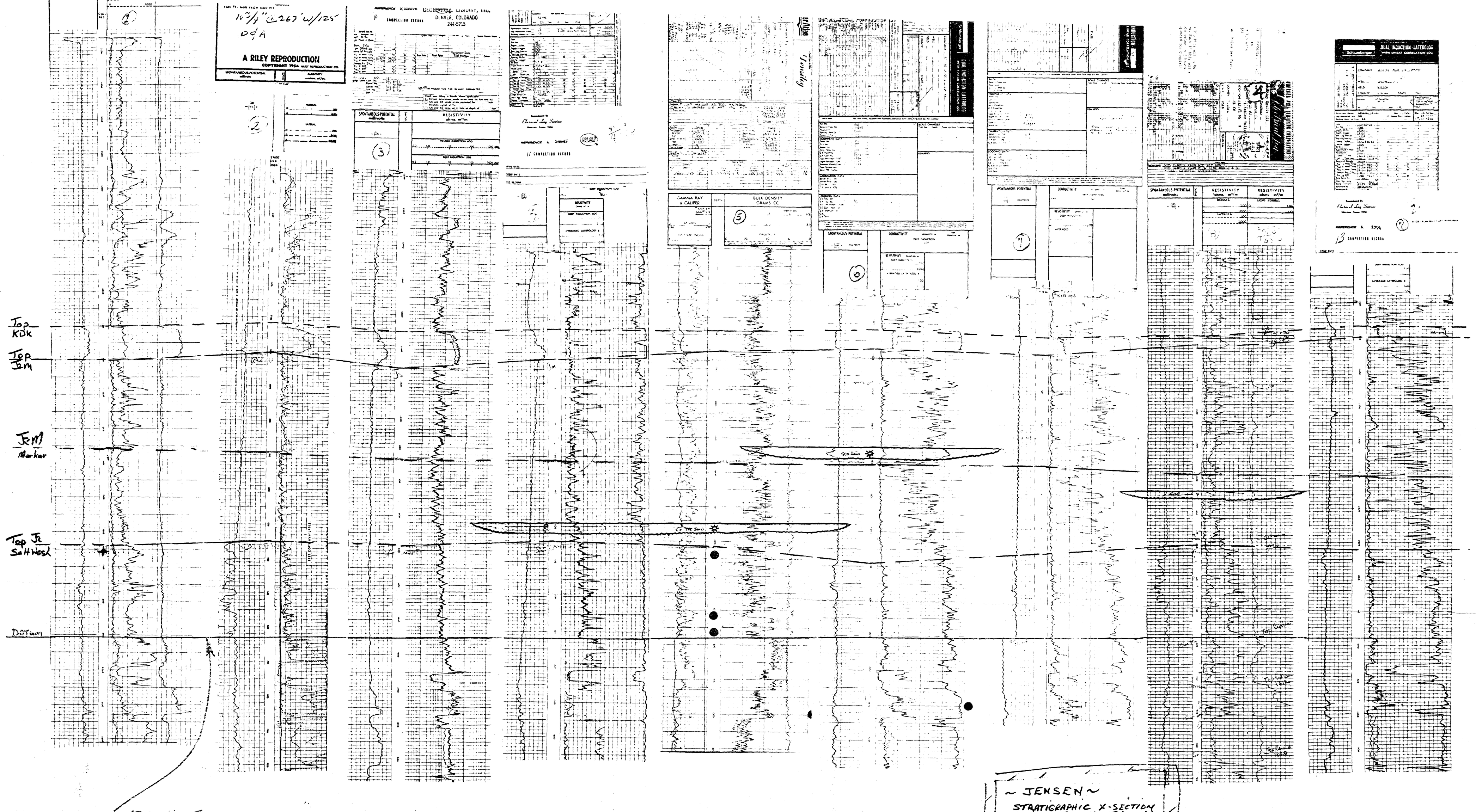
Schlumberger DUAL INDUCTION-LATEROLOG WITH LINEAR CORRELATION LOG

REFERENCE K 177A

COMPLETION RECORD

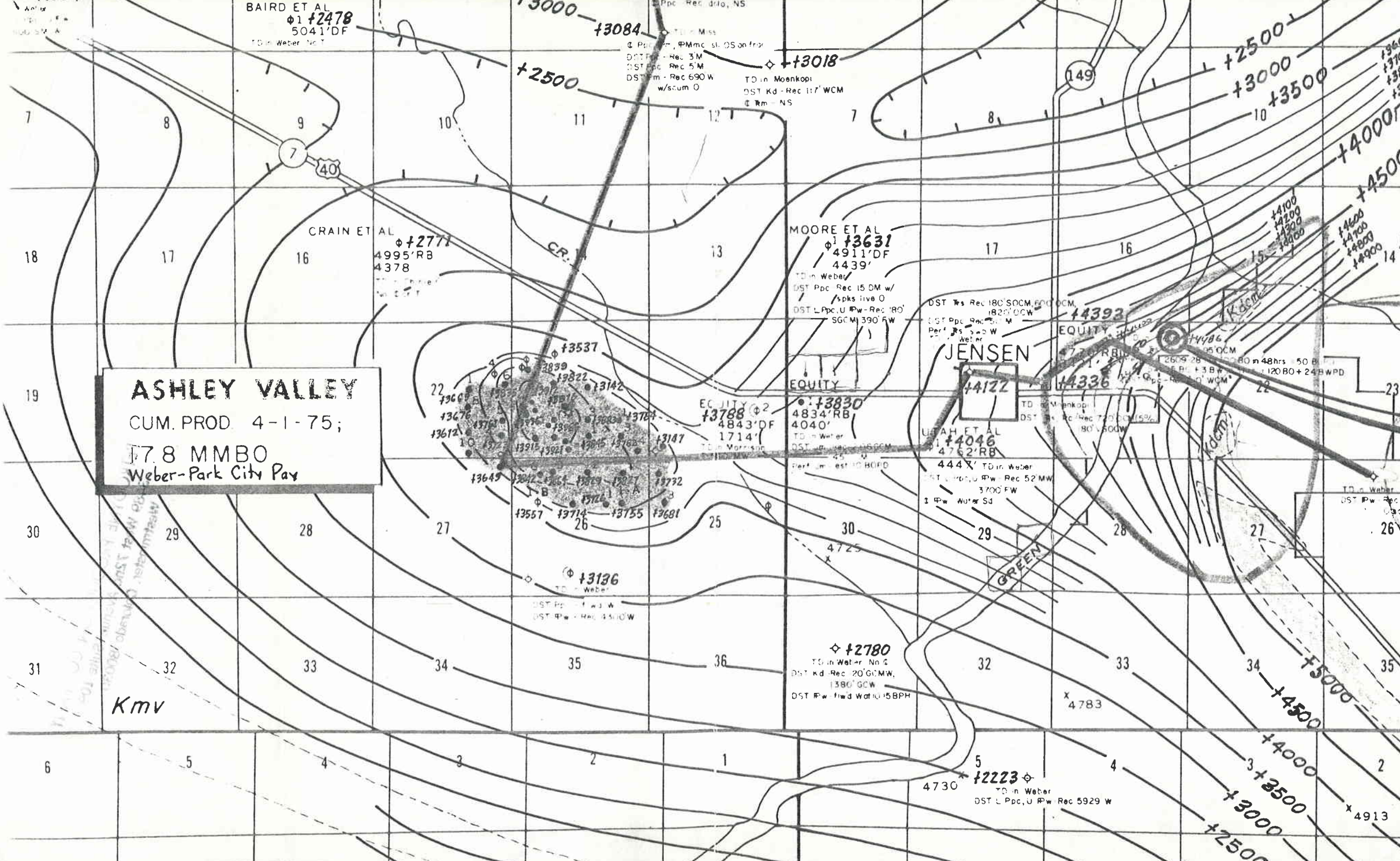
GCO Sand

TD Sand



~ JENSEN ~
STRATIGRAPHIC X-SECTION
(KDk thru Curtis Interval)
T5S-R23E
Uintah Co., Utah
Datum: Top Curtis Fm.

PETRODYNE PRODUCTION COMPANY
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030


ASHLEY VALLEY
CUM. PROD. 4-1-75;
17.8 MMBO
Weber-Park City Pay
BAIRD ET AL
5041'DF
CRAIN ET AL
4995'RB
4378
MOORE ET AL
4911'DF
4439'
JENSEN
EQUITY
4834'RB
4040'
4843'DF
1714'
UTAH ET AL
4762'RB
4447'
GREEN
Kmv
+3000
+3084
+3018
+2500
+3500
+4000
+4500
+5000
+2771
+3631
+3830
+3788
+4393
+4122
+4336
+4046
+3537
+3136
+2780
+2223
+4100
+4200
+4300
+4400
+4600
+4700
+4800
+4900
4725
4783
4730
4913
149
7
40

CHEMICAL & GEOLOGICAL LABORATORIES

P.O. Box 2794
Casper, Wyoming 82602

GAS ANALYSIS REPORT

Company: Petrodyne — Date: 6-9-80 — Lab. No. 34313-1
Well No.: Jensen No. 3 — Location: NWNW 21-5S-23E
Field: — Formation: Morrison
County: Uintah — Depth: 942-974
State: Utah — Sampling point: DST No. 1
Line pressure 24 psig; Sample pressure 45 psig; Temperature ____ ° F; Container number Lynes
Remarks: DST No. 1

Component	Mole % or Volume %	Gallons per MCF
Oxygen	0	
Nitrogen	1.75	
Carbon dioxide	0	
Hydrogen sulfide	*	
Methane	94.73	
Ethane	2.03	
Propane	1.15	0.316
Iso-butane	0.11	0.036
N-butane	0.19	0.060
Iso-pentane	0.02	0.007
N-pentane	0.01	0.004
Hexanes & higher	0.01	0.005
Total	100.00	0.428

GPM of pentanes & higher fraction: 0.016

Gross btu/cu. ft. @60° F. & 14.7 psia (dry basis): 1034
Specific gravity (calculated from analysis): 0.587
Specific gravity (measured): 0.590

Remarks:
* = H_2S negative to lead acetate paper.

PETRODYNE PRODUCTION CO.
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
Utah Division of Oil, Gas and Mining
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Petrodyne Production Company

3. ADDRESS OF OPERATOR
3489 W. 72nd Ave., #109, Westminster, Co. 80030

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 802 FNL 608 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Jensen #3

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW NW 21, T5S, R23E, SLM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30695

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 4764' KB ~~4684~~ ~~4~~ 4774

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

(other) Notification of Change of location, BOP spec. and surf. casing depth

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Change location to the following due to soft ground conditions 802 FNL, 608 FWL.
2. Change GL to 4764'
3. Upgrade BOP from manual 8" to hydraulic 10" Hydrill with both pipe and blind rams that will close on any pipe size.
4. Because only 40' of gravel were penetrated above 91 feet of hard Mancos Shale, 130' of 36.6# 8 5/8" surface pipe was set and cemented with 70 sacks cement circulated to surface. 5/6/80

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
Petrodyne Production Company
SIGNED Donald Reitz TITLE partner DATE 5-7-80
Donald Reitz, Partner

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PETRODYNE PRODUCTION CO.
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030

resource technology corporation

3489 West 72nd Avenue Suite 109 Westminster, Colo. 80030 (303) 428-9430

R25E

T 3 S

Company PETRODYNE PRODUCTION COMPANY

Well Ephraim #3

Location NW SW 21-13S-83W County Uintah State Utah

Field or Prospect Ignacio

Elevation GL 5754 KB 5774 Total Depth 7667

Drilling Rig Comanche #3 Tool Pusher Byron Tomlinson

Geologist W. L. Freeman Mud Engineer Harold

Mechanical Logs DIL, G.R.-Density, G.R.-Sonic

Sample Log From To Sample Quality

Tests Types Inflatable Packer 5942-5974' (Cretaceous Sparbles)

Cores None

Commenced 5/13/90 Completed 5/15/90

Casing 13⅜" x 8-5/8", 30.6# surf, casing; 5-1/2", 15# protective string from base of 5-1/2, to 7583'

I.P.

Remarks

Minutes per 5 foot

PENETRATION RATE 0 10 20 30

DEPTH

STRIP LOG

DESCRIPTION

SFC

CASING

PL

K. Frontier/Mowry

Shale fissile dark-gray to black bentonitic
Ss, fg. to Vfg, S.B.P., med. to Lt gray

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

7000

7500

8000

8500

9000

9500

10000

10500

11000

11500

12000

12500

13000

13500

14000

14500

15000

15500

16000

16500

17000

17500

18000

18500

19000

19500

20000

20500

21000

21500

22000

22500

23000

23500

24000

N.B.

XOK

JM

(80x (C.C.) B.G. Hex XX/Xbly

Sample top XOK at 400'
410-499
40p. max. G.K.(E.C.); 20x Avg.
Ss, wh-lt gry, fg to mg, scrape chert, mach
tuff cement, carb common in upper part incr
gr size w/depth

Sample top JM at 460'
Shale, soft, pastel green, bentonitic

Yellow gold (mineral?) flux from dolo lh, V.
tite & dense.

G.K. in upper JM gas sand at 760'
10 incr. to 30x G.K. (over 20x B.G.)
Avg. 20x
uncon. sand in samples at 764'

Sample top of Lwr. JM gas sand at 949'

B

WELL BLEW-OUT at 965'
Trace of uncons sand in samples -
med gr., sember color, sng to rnded chert & qtz. grains

S.E.

Drilling Time
Sample Top JA Salt Wash at 1029'
Abundant Isolated V.fg. clear qtz. grains, well rounded

GEOLOGRAPH OUT

N.B.

Gas Detector out since blow-out

GEOLOGRAPH OUT

GEOLOGRAPH OUT

No samples

Gas Detector back on at 1248'
5:00 p.m. 5/13/90

SALT CHANGE

N.B.

GEOLOGRAPH OUT

Samples rare to non-existent

S.E.

Drilling Time top of Entrada at 1423'
mud/gas line stopped up reliable gas
readings thru Entrada

First Entrada sample at 1465'

GEOLOGRAPH OUT

N.B.

JA Correl

Sample Top JA Correl at 1630'

SALT CHANGE

SALT CHANGE

JA Navajo

Drilling time top of Navajo at 1727'

GEOLOGRAPH OUT

N. Chin

Drilling time top of N Chinle at 2425'

Block gilsonitic seam on pits at 2470'(Nav.-Chin. Trans. Zone)

SALT CHANGE

SALT CHANGE

GEOLOGRAPH OUT

2577' 9 1/2" casing pt. T.D. (driller)
Brick red, silty, ppp thicks & mottled colored gypsum

RESOURCE TECHNOLOGY CORPORATION
Suite 109
3489 W. 72nd Ave.
Westminster, Colo. 80030

PETRODYNE PRODUCTION COMPANY
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030

PETRODYNE PRODUCTION COMPANY
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030

FIELD DATA SHEET

Type Test: [X] Initial [ ] Annual [ ] Special — Test Date 7/12-13/80

Company: PETRODYNE — Connection: NONE

Field: JENSEN — Reservoir: MORRISON — Location:

Completion Date — Total Depth: 2667' — Plug Back TD — Elevation: 4779 KB'

Csg. Size: 5 1/2 — Wt.: 14# — d — Set At — Perforations: From — To: 2 SPF

Tbg. Size: 2 7/8" — Wt. — d — Set At — Perforations: From — To

Type Completion (Describe): Single GAS — Packer Set At: RETRIEVABLE 935'

Producing Thru: Tubing — Reservoir Temp. F @ — Mean Annual Temp. F — Baro. Press. – P_a

L — H — G_g — % CO_2 — % N_2 — % H_2S — Prover — Meter Run — Taps

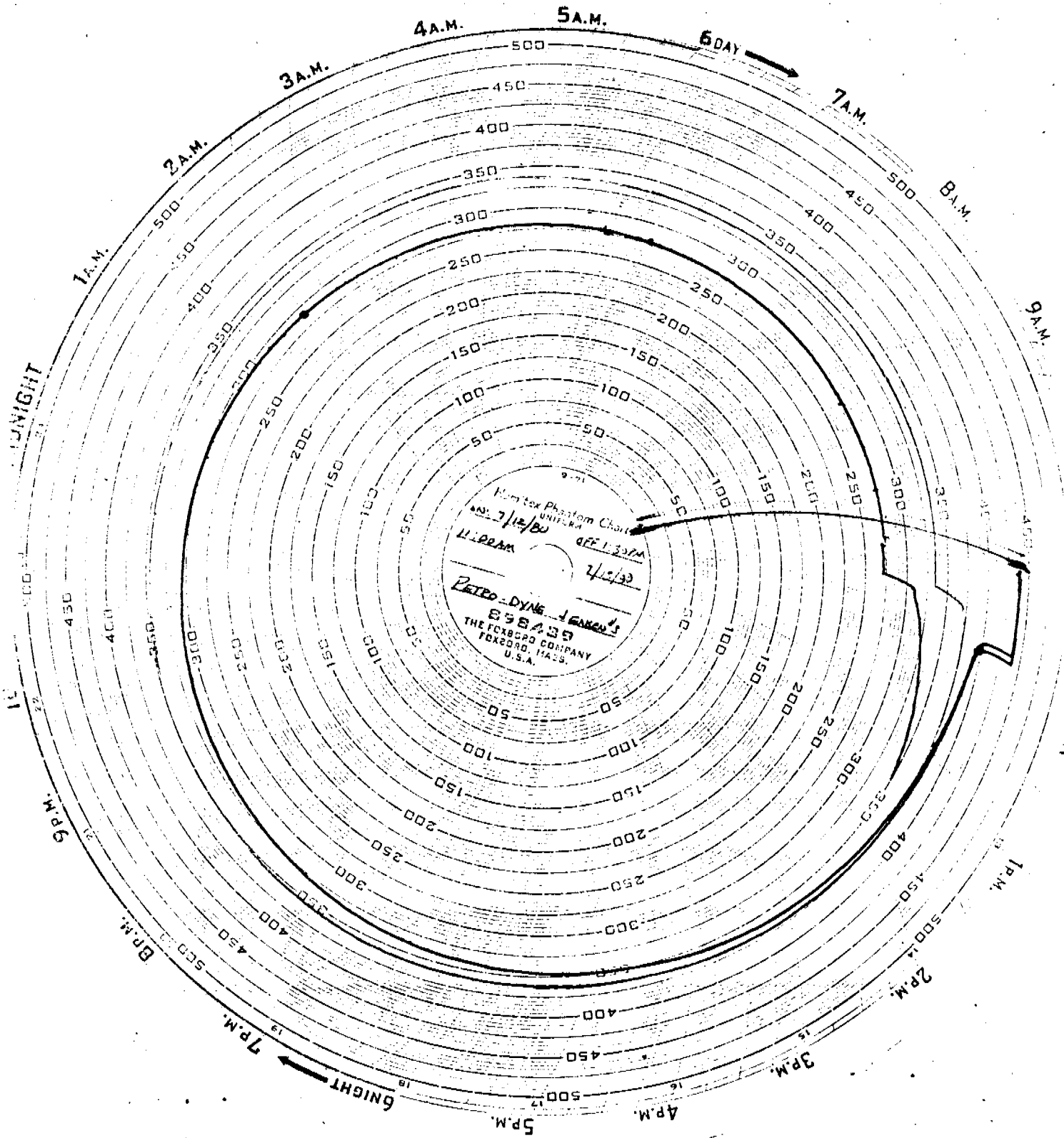
Lease No. or Serial No.:
Allottee:
Unit:
Farm or Lease Name: JENSEN
Well No.: 3
Sec.: 21 — Twp – Blk: 5S — Rge – Sur: 23E
County or Parish: UINTAH
State: UTAH

DATE	Time of Reading	ELAP. TIME Hrs.	WELLHEAD WORKING PRESSURE Tbg. Psig	Csg. Psig	Temp. F	METER OR PROVER Pressure Psig	Diff.	Temp. F	Orifice	REMARKS (Include liquid production data: Type – API Gravity – Amount)
										6" POSITIVE CHOKE 1/4" CERMAC ORIFICE
7/12	11:00 AM		438	438						SHUT IN Pressure
	11:45	0	—	—					1/4"	OPEN WELL TO 1/4" ORIFICE
	12:45 PM	1	380	383		380		67°	"	Flowing Dry
	1:45	2	370	377		370		64°	"	" "
	2:45	3	363	373		363		64°	"	" "
	3:45	4	355	368		355		63°	"	" "
	4:45	5	348	363		348		62°	"	Flowing Dry
	5:45	6	341	361		341		62°	"	" "
	6:45	7	336	359		336		62°	"	" "
	7:45	8	330	356		330		60°	"	" "
	—	-	-	-		-		—	-	EXTENDED FLOW
7/13	7:45 A	20	278	337		278		67°	"	Flowing Light MIST
	9:45	22	275	355		275		63°	"	Flowing Light MIST
	11:45	24	274	333		274		64°	"	SAMPLE CYLINDER # WI - 1092
	"	"	"	"		"		"	"	SHUT IN
	12:15	1/2	327	375						
	12:45	1	338	376						
	1:15	1 1/2	348	377						
	1:45	2		378						
	2:15	2 1/2		378						
	2:45	3		379						
	3:15	3 1/2		379						
	3:45	4		380						
	4:15	4 1/2		380						
	4:45	5		381						
	5:15	5 1/2		381						
	5:45	6		381						

PAGE 1 OF ____ DATA BY Brad Shell - Tefsicer Inc.

Form BFT 1

PETRODYNE PRODUCTION COMPANY
3429 West 72nd Avenue Suite 109
Westminster, Colorado 80030



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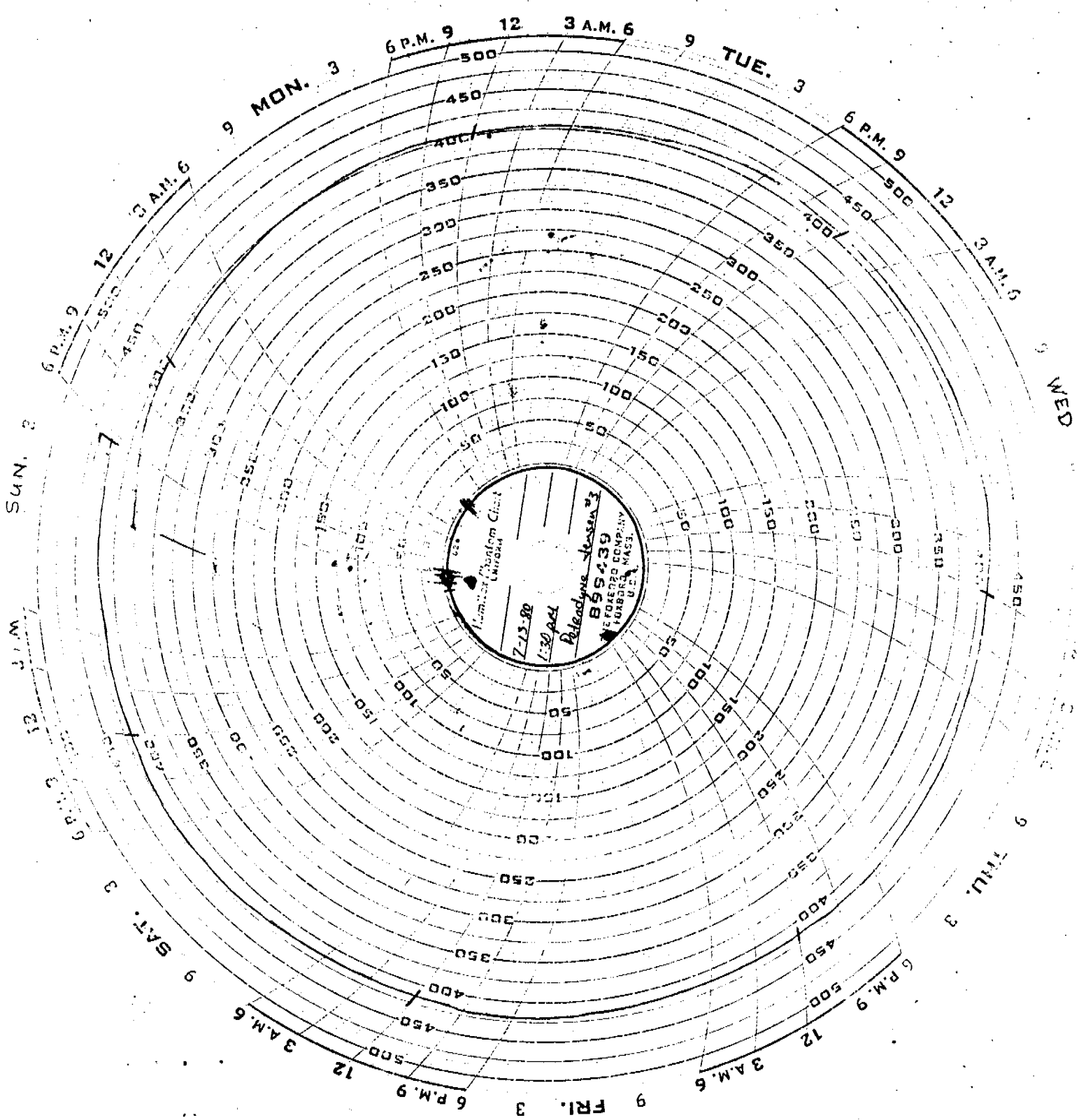
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030



PETRODYNE PRODUCTION COMPANY
3489 West 72nd Avenue Suite 109
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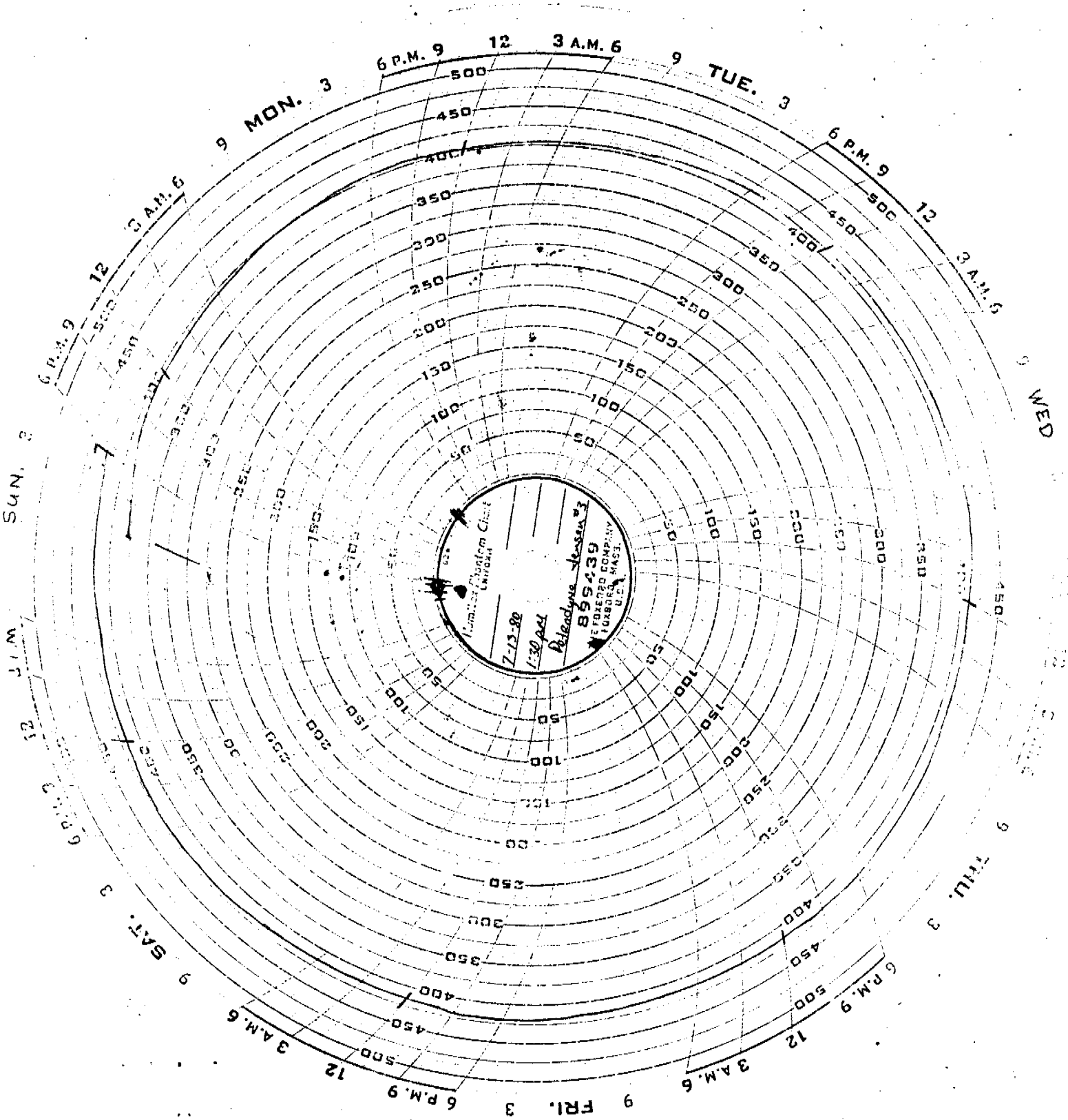


PETRODYNE PRODUCTION COMPANY
3489 West 72nd Avenue Suite 109
Westminster, Colorado 80030

PETRODYNE PRODUCTION COMPANY

JENSEN #3

NW NW Sec. 21-T5S-R23E
UINTAH COUNTY, UTAH

William E. Freeman
PETRODYNE PRODUCTION COMPANY
3489 W. 72nd Avenue, Suite 109
Westminster, Colorado 80030

JULY, 1980

DATA SHEET

Operator:	Petrodyne Production Company
Well Name:	Jensen #3
API #:	43-047-30695
Location:	NW/4NW/4 Sec. 21-T5S-R23E, SLM, (802 FNL & 608 FWL) Uintah County, Utah
Elevation:	4764' GL, 4774' KB
Rig(s):	Drilwest R-4, Casper, Wyoming Gamache #3, Roosevelt, Utah
Spud:	May 4, 1980
Completed Drilling:	June 14, 1980
T.D.:	2667'
Hole Size:	131' of 11" surface hole; 7-7/8" hole from S.C.P. to 2582'; 4-3/4" hole from 2582' to 2667' (T.D.)
Casing:	130' 8-5/8", 36.6# surface casing; 5-1/2", 14# protective string from S.C.P. to 2582'; 3-1/2", 9.3# tubing from 2565' to 2667' (T.D.)
Mud Logging Unit:	Logged thru Jr Morrison interval w/Bay Lab's portable unmanned hotwire unit
Cores:	None
DST:	One - Jurassic Morrison Sand (942'-974') (inflatable packer-straddle)
Logging Program:	Ran Dresser Atlas Comp. Densilog & Dual Induction Focused Log from S.C.P. to 2580'. Ran Dresser Atlas Gamma Ray - Neutron from 900' to 1100' and 2100' to 2650'.
Mud Contractors:	Boss Mud Company - Roosevelt, Utah Baroid - Vernal, Utah
Drilling Supervisor:	Chuck Turner - Vernal, Utah
Petrodyne Geologist:	William E. Freeman - Denver, Colorado

LOG TOPS

Gr. Elev. 4764'
K.B. Elev. 4774'

Dakota	389'	(+4385)
Morrison	446'	(+4328)
Salt Wash	1014'	(+3760)
Curtis	1282'	(+3492)
Entrada	1422'	(+3352)
Carmel	1630'	(+3144)
Navajo	1730'	(+3044)
Chinle	2428'	(+2346)
Shinarump	2606'	(+2168)
Moenkopi	2639'	(+2135)
T.D	2667'	

HOLE DEVIATION SURVEYS

1526'	1-3/4°
1636'	1-3/4°
2480'	2-1/2°
2577'	2-1/2°

DRILL STEM TEST
Jurassic Morrison

Interval: 942-974' (straddle)

IO 38 min.	HP 480#-460#
ISI 30 min.	IFP 113#-171#
FO 60 min.	FFP 104#-99#
FSI 120 min.	SIP 419#-418#

IO flowed G.T.S. in 5 min. @ 543 MCFGPD on 1/2" choke
FO G.T.S. immediately @ 817 MCFGPD on 1" choke
Rec. 10' water in pipe

SWAB TEST
Triassic Shinarump

Interval: 2613'-2622'
Swabbed non-commercial quantities of oil and formation water (see daily drilling report for details)

DRILLING MUD RECORD

	Weight	Viscosity Sec.	pH	W.L.	Filtration Cake 32nds
5-12-80	10.5	32	9.0	-	-
	Killed gas kick w/150 bbls 10.0 ppg brine water @ 965'				
5-13-80	10.4	34	8.3	-	-
	Drilling				
5-14-80	10.1	32	8.3	32.4	3
	Drilling				
5-15-80	9.7	31	8.0	32.0	3
	Drilling				
5-16-80	9.8	33	9.5	13.0	2
	Drilling - reduce filtrate w/Drispac				
5-17-80	10.2	35	8.5	6.8	2
	Trip out for logs - and set int. casing				
5-20-80	Rig up air compressors				

BIT RECORD

COUNTY	FIELD	STATE	SECTION	TOWNSHIP	RANGE	LOCATION	WELL NO.
Uintah	Wildcat	Utah	21	5S	23E	Jensen	3

CONTRACTOR	RIG NO.	OPERATOR	TOOLPUSHER
Drilwest, Inc.	R-4	Petrodyne	Chuck Turner

SPUD	UNDER SURF.	REACHED T.D.	PUMP NO. 1	LINER	PUMP POWER
5-5-80	5-8-80	5-21-80	Gardner-Denver	5½"x8"	5-700# PSI
			PUMP NO. 2	LINER	TYPE MUD
			Gardner-Denver	4½"x10'	Salt Polymer

DRILL PIPE	TOOL JOINTS	O.D.	DRILL COLLARS	O.D.	LENGTH	DRAWWORKS POWER
Drilco 3½"	Flush Joint	3½"	4	4-1/8"	20'	60,000#

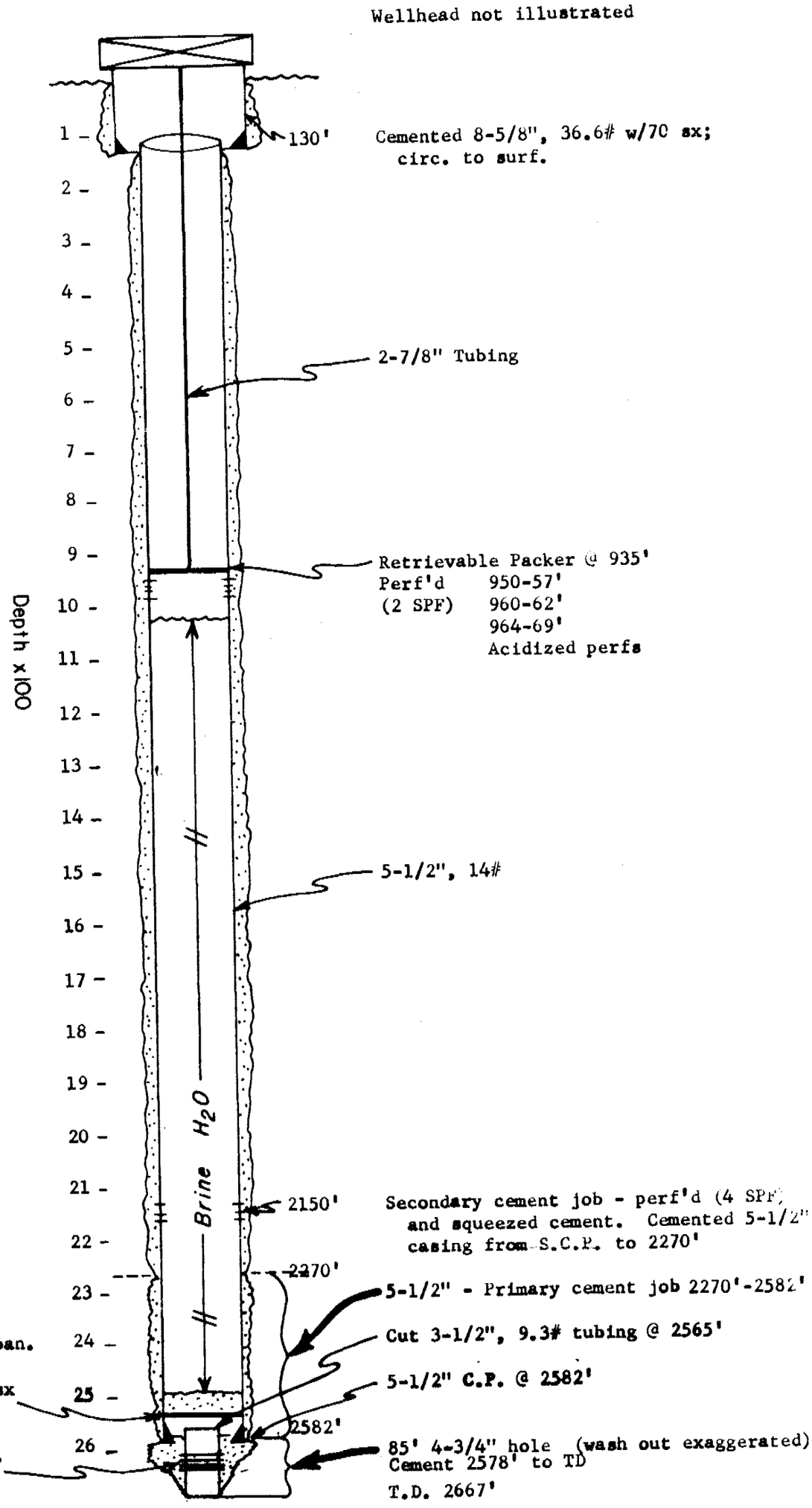
NO.	SIZE	MAKE	TYPE	JET 32ND IN	SERIAL	DEPTH OUT	FEET	HOURS
1	11"	RMR	HM	None	VRM	131'	131'	
2	8-3/4"	HTC	OSC3J	3/16	VD530	406'	275'	7-3/4
3	7-7/8"	HTC	OSC3J	3/16	BE215	1085'	679'	26-1/2
4	7-7/8"	HTC	OSC16J	3/16	CT372	1322'	237'	12-1/2
5	7-7/8"	HTC	J33	3/16	Rerun	1664'	342'	24
6	7-7/8"	HTC	J33	3/16	BK047	2577'	1090'	46-1/2
7	4-3/4"	HTC	WO	Open		2645'	68'	4
8	4-3/4"	HTC	WO	Reg.				

WELL BOREHOLE SCHEMATIC

PETRODYNE JENSEN #3
NW NW Sec. 21-T5S-R23E
Uintah County, Utah

Log Tops:

Dakota	389	(+4385)
Morrison	446	(+4328)
Saltwash	1014	(+3760)
Curtis	1282	(+3492)
Entrada	1422	(+3352)
Carmel	1630	(+3144)
Navajo	1730	(+3044)
Chinle	2428	(+2346)
Shinarump	2606	(+2168)
T.D.	2667	



T I T E H O L E

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

WELL NAME: Jensen #3

WELL LOCATION: NW¼ NW¼ 21, T5S, R23E

COUNTY: Uintah

STATE: Utah

PROPOSED DEPTH: 2750'

ELEVATIONS: 4764' GL

4774' KB

FORMATION TESTED: Shinarump

API: #43-047-30695

Day ending - 8:00 A.M.

REV. 6/25/80

DATE	DEPTH	REMARKS
04/30/80		Building location/road
05/01/80		Building road; dug shallow reserve pits
05/02/80		Building location/road, set 5' of 60 in. steel pipe for BOP/cellar
05/03/80		Moved on location, rig up.
05/04/80		Mixed mud. Spud 5:00 P.M. Shut down at dark. No break tower available.
05/05/80	100'	Second tower arrived. Drilling 11 inch diameter surface hole (river gravel and boulders) Rig shut-down at 8:30 P.M. W.O.B.; light plant down for repairs.
05/06/80	131'	W O C 8 A.M. - 2 P.M. drilg. 11 inch. surface hole. Rig up to run 8 5/8" 36.6# surface casing. Ran 153' 8 5/8", tagged btm. 131', pulled back 1 ft., circ. hole 1 hr., pumped 70 sacks cement, circulated to surface, press up plug to 300 psi. Shut-in, waiting on cement.
05/07/80	131'	WOC, cut off csg, install and nipple up BOP. 10:30 A.M. (5-7-80) to 8:00 A.M. (5-8-80)
05/08/80	165'	Rig up and repair mud tanks, pick up btm. hole assy. tag cmt., 98.34' KB. Prep to drill cmt. w/7 7/8" Hughes OSC3J 15/32" jts. drld. cmt., tripped plugged bit, changed to 16/32" jts. 8:00 A.M. (5-9-80) drlg. & mxg. mud.
05/09/80	165'	Conditioning & mixing mud. Shut down 2 hrs. due to hydraulic leak. Hooked up de-sander, drilling tite hole, (bentonite) worked hole out, drilled tite hole 4:45P.M. - 9:00P.M. Stuck in hole, and working bit loose 9:00P.M.-3:00A.M. Drlg., working on mud pump till 8:00A.M. (5/10/80)
05/10/80	547'	Drlg. Morrison, 1 min/ft or less. Sample tops: Dakota 395' (+4379), Morrison 465' (+4309) Gas kick @ 375' 180 units in Mowry or Frontier. Gas kick @ 410', 45 units, avg. 20 units. Decr. to 8 units @ 488'.
05/11/80	965'	Drlg. w 8.7# SW. SD 11:00A.M. - 4:30P.M. for rig repair. 4:30 P.M. - 7:15A.M. drlg. Well blew out at 7:15 A.M. Well SI at 9:00A.M. prep to kill flow w/ heavy brine.
05/12/80	965'	Well SI. Annulus pressure 150 psi. Waiting on salt H2O. NU kill line. Well killed at 4:00AM with 10# per gallon brine. Condition mud and circulate, prep. to open BOP and drill. Current status, drilling ahead 980'. (8:00AM, 5/13/80)

DAILY DRILLING REPORT

OPERATOR: Petrodyne Production Co.

WELL NAME: Jensen #3

WELL LOCATION: NW¼ NW¼ 21, T5S, R23E

COUNTY: Uintah

STATE: Utah

PROPOSED DEPTH: 2750'

ELEVATIONS: 4764' GL

4774' KB

FORMATION TESTED: Shinarump

API: #43-047-30695

Day ending - 8:00 A.M.

REV. 6/25/80

DATE	DEPTH	REMARKS
05/13/80	1295'	Drlg w/bit #3 to 1085'. Tripped bit #3. RIH w/bit #4. MW 10.2, visc 30, FC 3/32" pH 9. Sample top: Saltwash 1012 (+3762).
05/14/80	1505'	Drlg in Entrada - w/bit #5. Mud visc 34, wt 10.2, WL 30 FC 4/32" Entrada sample top @ 1425', (+3349).
05/15/80	1705'	Drlg. Md wt 9.7#, visc 31, pH 8, FC 3/32" dev 1-3/4° @ 1526.
05/16/80	2442'	Drlg w/bit #6 in Chinle. Sample Tops: Navajo 1727 (+3047) Chinle 2425 (+2349). Drlg 5-6½ hr. Bkg & gas 80 units. Md wt 9.7# visc 31, pH 8, FC 3/32". Circ & cond mud, prep to log and test. Md wt. 10.2#, WL 6.8.
5/17/80	2577' (D.T.D.) 2580' (L.T.D.)	Trip out wet string, dev 2½° @ 2480'. RU loggers, log, RD loggers. Short trip to 1200', circ 1 hr, POH prep to run DST #1. Note: corrected KB 4774.
		Log Tops: Dakota 389 (+4385)
		Morrison 446 (+4328)
		Saltwash 1014 (+3760)
		Curtis 1282 (+3492)
		Entrada 1422 (+3352)
		Carmel 1630 (+3144)
		Navajo 1730 (+3044)
		Chinle 2428 (+2346)
		C.P.T.D. 2580
		Proj. top Shinarump 2598 (+2176)
05/18/80	2580'	Make up test tool, strap in hole, set cntr of top pkr @ 940', cntr btm pkr @ 976'. DST #1 (942-974) IO-38 min, ISI-30 min, SO-1 hr, SSI-2 hr IO flowed GTS in 5 min, 543 MCFD on ½" orif. SO flowed GTS immediately, 817 MCFPD on 1" orif.,rec 10' fresh wtr. Rig dn tester, trip in to wash & cond hole, prep to run protection string.
05/19/80	2580'	Cond hole, short trip 15 stands, run csg. Cmt. w/60 sx type H cmt. W.O.C.
05/20/80	2580'	Rigging up compressors until 4:00 PM.
05/21/80	2580'	Water truck snagged guy wire, pulled derrick over. No injuries. Activities suspended pending removal of wrecked derrick. No damage to well bore or well head.

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REV. 6/25/80

DATE	DEPTH	REMARKS
05/22/80	2580'	Prep to remove rig wreck.
05/23/80	2580'	Remove rig wreck.
05/24/80	2580'	Prep site to move in Gamache rig #3 and new compressors.
05/25/80	2580'	Shut dn for Memorial Day.
05/26/80	2580'	Shut dn for Memorial Day.
05/27/80	2580'	Move in, rig up Gamache Rig #3.
05/28/80	2590'	Complete rig up and air drill 60' cmt, drill 10' new hole. SION.
05/29/80	2645'	Drlg w/air and foam, to 2645, top Shinarump sand 2612'. Based on drlg break, poor samples. Circ. good black oil show in 1.5 hrs. Hole not cleaning up. Rig up mist injector, begin injection of 10 bbls/hr rust inhibited foam. Hole unloaded w/ oc foam and ocw. Short trip 3 stands. SION.
05/30/80	2645'	Slight gas press. on tubing, TSTM, RIH, tag fill 2580', wash & ream to 2645' w/foam, cond. hole 2 hrs. Prep to log. Logger tagged fill 2585±. Rigged down loggers. SION.
05/31/80	2645'	RIH, tag fill 2595', prep diesel/drispac sweep, pumped sweep, hole will not unload, can't drill fill. Prep. second diesel sweep, pump sweep, - hole will not stay open. Short trip, RIH, tag fill 2605'. Released compressors, short trip 3 stands. SION.
06/1/80	2645'	Shut in, no activity.
06/2/80	2645'	Rig up portable mud pumps & tanks, mix 10# brine and polymer, run in hole, tag fill 2605', circ. out .75 bbl clean oil followed by 15-20 bbls ocw, wash and ream fill to 2645', cond. hole 2 hrs, short trip, run in hole tag fill at 2625', pulled 3 stands. SION.
06/3/80	2645'	POOH w/tbg. and collars, weld 4-3/4 bit on 2-7/8" tbg, RIH, circ. small amount of 50% OC brine,no free oil. Drill fill to 2645', hole tite @ 2615'. Rig up Dresser Atlas, run gamma & neutron through tbg. Pull tbg. out of hole, run cmt. bond log on protection string. Good cmt. bond 2270-2580'. Rig dn. loggers, Log Top: Shinarump 2606' (+2168)
06/4/80	2645'	W.O.O.
06/5/80	2645' TD	RIH & set retrievable bridge plug at 2450, spot 3 cu. ft. sand over BP, POOH, tested 5½" csg & BP @ 1000 psi for 5 min., no press. drop. Perf 4 holes @ 2150. Pumped 28 bbls & broke circ., pumped 85 sx 13.6# Halcolite, 110 sx 16.4# Type 2, 115 sx 13.6# Halcolite and 25 sx 15.6# Type 2 w/3% $CaCl_2$, ran 2 rubber plugs, displ w/50 bbls fresh wtr, good circ to surface. SI w 900 psi @ 3:05 PM.

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REV. 6/25/80

DATE	DEPTH	REMARKS
06/6/80	2645'	Jet pits, mix, brine and polymer, RIH tag top plug 2171' prep to drill plug. SION.
06/7/80	2645'	Drl plugs and 181' cmt, washed sand off BP, POOH, rig up retrieving head, RIH unseated BP, POOH, SION.
06/8/80	2645'	SD Sunday.
06/9/80	2667'	Rig up to drill fill w/3½" tbg, strap in hole, tag fill @ 2580'. Circ out SOCW, drld fill and 17' new hole. Pumped 100 sx Type III 16.5#/gal cmt w/.75% CFR-2, displ. w/250 gal acetic acid followed by 2% KCl wtr. SI, WOC for 24 hrs.
06/10/80	2667'	WOC.
06/11/80	2667'	Rig up Dresser, run cmt bond log 2580-2663 good bond 2588 to 2663. Perf 2613-21 w/2 SPF, broke dn perfs with 6 bbls acetic acid pumped at ¼ bbl/min @ 2000 psi, perfs broke @ pumping rate increased to ½ bbl/min @ 1000 psi; ISI 1000 psi. Swbd 9 runs,rec 17 bbls Kcl wtr w/slight OC in last two runs. Swb run 10 rec acid wtr w/good OC. SD 1 hr. Swb run 11 rec .4 bbls 50% OC acid wtr. Swb run 12 swb dry. SD 1 hr. Swb run 13 rec. 3 bbls 50% OC acid wtr. SD 1 hr. Swb run 14 rec. 1.2 bbls 20 to 30% OC acid salt water, wtr becoming more salty. SD 1 hr. Swb run 15 rec 1.8 bbl OCSW, SD, left open to tanks. 6.4 bbls total formation fluid rec. 3.2 bbls oil - 3.2 bbls acid salt wtr.
06/12/80	2667'	Swbd 10 runs 1 hr apart. Rec. 19 bbls ttl fluid. 10% B.S., 20-30% oil and 60-70% clear salty wtr. SD left open to tanks. Prep to set bridge plug on Fri and start single gas zone compl.
06/13/80	2667'	Swbd in 3 consecutive runs. Total fluid rec 8.6 bbls fluid being sli salty wtr & oil. Avg 10% oil. Cut off 3½" tbg with jet cutter @ 2565'. Set cast iron BP @ 2530'. Permission to plug back from Mike Minder, State Eng. Dumped 10 sax cement on top of BP. Filled hole w/brine wtr. Ran cement bond log. RIH w/4" csg gun - used premium high performance charge. Perf as follows: 2 shots/ft. 950-57', 960-62', 964-69'. Gross int. 19' and ttl 14' shot, @ 2 shots/ft, ttl 28 shots. RIH w/2-7/8" tbg w/retrievable packer. Set pkr @ 935'. Installed wellhead. SD for nite @ 11:45 PM.

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REV. 6/25/80

DATE	DEPTH	REMARKS
06/14/80	2667'	Swb brine water. Hole kicked and unloaded thru a 2" line before end of first swb. Blew gas, salt wtr w/tr. of cement until Halliburton hooked up for acid job. (approx. 45 min.) Halliburton spotted 500 gal. 15% MSR acid. Displ. acid w/2% Kcl wtr. (30 bbls acid solution plus 5 bbls Kcl wtr, total 35 bbls). Perf took acid job well. Max press 1100# @ 3 bbls per min. Well blew good and died then regained blow although somewhat diminished but at steady rate. Cont. to blow gas w/very small stream of salty acid wtr til 5 PM. Wtr became sli less acid by end of final flow period. Well maintained faint mist and very sm stream of sli acid salt wtr. Well SI 5 PM with 422 psi on a new 2000# gauge. Rig moved off loc at 5:45 PM, June 14. Wellhead assembly completed. WO NW Pipeline to test.