



COPY TO O. & G.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 955
Farmington, New Mexico

June 14, 1956

Northwest Production Corporation
520 Sims Building
Albuquerque, New Mexico

Re: Jicarilla Contract 119

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 11, 1956 covering your well No. 1-8 "N" in NW 34 sec. 8, T. 26 N., R. 4 W., N. M. P. M., Rio Arriba County, New Mexico, Tapacito-P.C. ext.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) P. T. McGRATH

P. T. McGrath
District Engineer

PTMcGrath:ac
cc - Jicarilla Agency



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



COPY TO O. C. G.

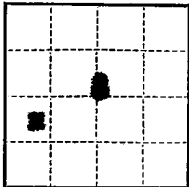
TO THE DIRECTOR, GEOLOGICAL SURVEY
WASHINGTON, D. C.

FROM THE CHIEF OF THE DISTRICT OF COLUMBIA
WASHINGTON, D. C.

SUBJECT: [Illegible]

[Illegible text follows, appearing to be a letter or report.]





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

_____ **Alamogordo** _____Allottee **Contract #119** _____

Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____		SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____		SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____		SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____		SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 19 56

Well No. **W-1-0** is located **1600** ft. from **S** line and **700** ft. from **W** line of sec. **8****SW/4 SW/4, 8**
(1/4 Sec. and Sec. No.)**26-2**
(Twp.)**1-4**
(Range)**N.M.P.M.**
(Meridian)**TAPACHICO, FC ext.**
(Field)**Rio Arriba**
(County or Subdivision)**New Mexico**
(State or Territory)The elevation of the ~~surface~~ **recorded ground** above sea level is **6205.8** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill to 110', set 7-5/8" OD casing and cement to surface w/75 cu ft of cement. Then drill to 366', set 4 1/2" OD casing and cement w/175 cu ft of cement. Perforate 4 1/2" casing and fracture the Pictured Cliffs formation with approx. 40,000 gals water. Clean out to total depth, run tubing and complete well. The W/2 of Sec. 8, containing 380 acres, is dedicated to this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DOMINANT PRODUCTION CORPORATION**Address **300 Sims Building****Albuquerque, New Mexico**By **Ray Phillips Jr.**Title **Asst. Mgr., Production Operations**

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date June 11, 1956

Operator NORTHWEST PRODUCTION COMPANY Lease "B"

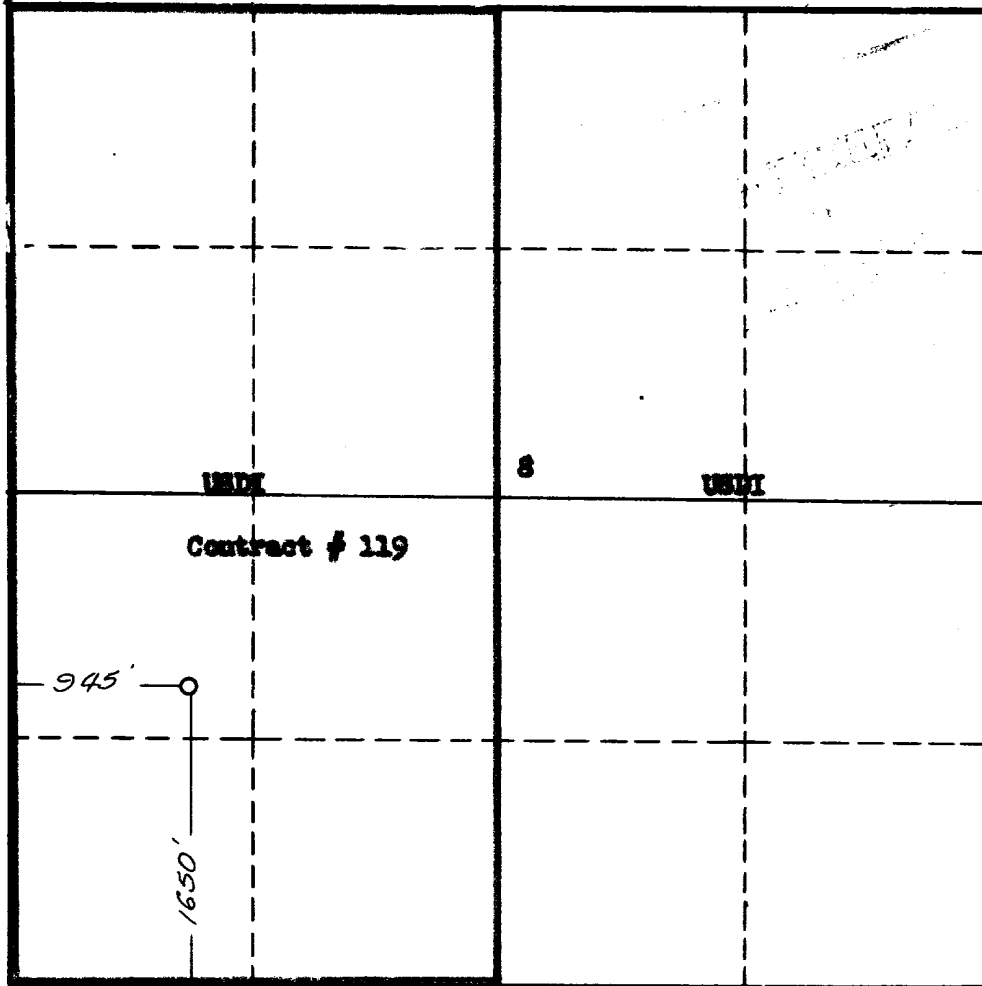
Well No. 1-8 Section 8 Township 26 NORTH Range 4 WEST, NMPM

Located 1650 Feet From the SOUTH Line, 945 Feet From the WEST Line,

RIO ARRIBA County, New Mexico. G. L. Elevation 6805.8 UNGRADED GROUND

Name of Producing Formation Pictured Cliffs Pool Tapacitan Dedicated Acreage 320

(Note: All distances must be from outer boundaries of Section)



SCALE: 1"=1000'

NOTE

This section of form is to be used for gas wells only.

1. Is this Well a Dual Comp. ? Yes No X.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No.

Name Ray Phillips, Jr.
Position Asst Mgr. Production Operations
Representing NORTHWEST PRODUCTION CORPORATION
Address 520 Sims Bldg., Albuquerque, N. M.

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.

Date Surveyed June 11, 1956
James P. Leese
Registered Professional Engineer and/or
Land Surveyor James P. Leese
N. Mex. Reg. No. 1463

Initial Deliverability
Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA
EXCEPT BARKER DOME STORAGE AREA)

Pool Tapacito FC Formation Pictured Cliffs County Rio Arriba
Purchasing Pipeline Pacific Northwest Pipeline Corp. Date Test Filed 6-3-57
Operator Northwest Production Corp. Lease "M" Well No. 1-8
Unit L Sec. 8 Twp. 26N Rge. 4W Pay Zone: From 3492 To 3510
Casing: OD 4 1/2 WT. 9.3 Set At 3672 Tubing: OD 1 1/2 WT. 2.3 T. Perf. _____
Produced Through: Casing X Tubing _____ Gas Gravity: Measured _____ Estimated .670
Date of Flow Test: From 4-17-57 To 4-23-57 * Date S.I.P. Measured 8-8-56
Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia (a)
Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia (b)
Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia (c)
Flowing meter pressure (meter reading when Dwt. measurement taken):
Normal chart reading _____ psig + 12 = _____ psia (d)
Square root chart reading (_____) ² x spring constant _____ = _____ psia (d)
Meter error (c) - (d) or (d) - (c) _____ ± _____ psi (e)
Friction loss, Flowing column to meter:
(b) - (c) Flow through tubing: (a) - (c) Flow through casing _____ = _____ psi (f)
Seven day average static meter pressure (from meter chart):
Normal chart average reading 582 psig + 12 = 594 psia (g)
Square root chart average reading (_____) ² x sp. const. _____ = _____ psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = 594 psia (i)
Wellhead casing shut-in pressure (Dwt) 1031 psig + 12 = 1043 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1031 psig + 12 = 1043 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1043 psia (l)
Flowing Temp. (Meter Run) 73 °F + 460 _____ = 533 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 522 psia (n)

Q = 2,310 X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)}} = \frac{\text{FLOW RATE CALCULATION}}{\sqrt{(d)}}} \right)^* = \text{_____ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 2,310 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{813.365}{732.991} \right]^n \frac{1.0944}{1} = \text{2528 MCF/da.}$

SUMMARY

P_c = 1043 psia Company Northwest Production Corp.
Q = 2310 Mcf/day By Ray Phillips RAY PHILLIPS
P_w = 522.7 psia Title Asst Mgr. Prod Operations
P_d = 522 psia Witnessed by _____
D = 2528 Mcf/day Company _____

- * This is date of completion test.
- * Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w
2340	0.156	13.169	2.054	352.836	354.890	595.7



OK

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The document also notes that records should be kept for a minimum of five years after the end of the fiscal year.

The second part of the document outlines the procedures for the annual audit. It states that the audit should be conducted by an independent auditor who is not affiliated with the organization. The auditor should review all financial records, including the general ledger, subsidiary ledgers, and supporting documents. The auditor should also interview key personnel and perform physical counts of assets. The final audit report should be submitted to the board of directors for review and approval.

The third part of the document discusses the internal control system. It states that the internal control system should be designed to prevent and detect errors and fraud. Key components of the internal control system include segregation of duties, authorization of transactions, and independent verification. The document also notes that the internal control system should be reviewed and updated regularly to reflect changes in the organization's operations.

The fourth part of the document discusses the budgeting process. It states that the budget should be prepared annually and should serve as a guide for the organization's financial planning. The budget should be based on realistic assumptions and should be approved by the board of directors. The document also notes that the budget should be monitored regularly to ensure that the organization is staying on track.

The fifth part of the document discusses the financial reporting process. It states that the financial statements should be prepared in accordance with generally accepted accounting principles (GAAP). The financial statements should be reviewed and approved by the board of directors before being released to the public. The document also notes that the financial reporting process should be transparent and subject to external audit.

The sixth part of the document discusses the risk management process. It states that the organization should identify and assess the risks it faces and should develop strategies to mitigate those risks. Key risks include financial risk, operational risk, and reputational risk. The document also notes that the risk management process should be integrated into the organization's overall management system.

The seventh part of the document discusses the compliance process. It states that the organization should ensure that it is compliant with all applicable laws and regulations. This includes maintaining accurate records, following proper procedures, and reporting any violations to the appropriate authorities. The document also notes that the compliance process should be ongoing and subject to regular review.

The eighth part of the document discusses the ethics process. It states that the organization should promote a culture of integrity and ethical behavior. This includes establishing a code of ethics, providing ethics training, and encouraging employees to report any unethical behavior. The document also notes that the ethics process should be supported by the organization's leadership.

The ninth part of the document discusses the performance evaluation process. It states that the organization should establish clear performance goals and should evaluate the performance of its employees regularly. This includes setting performance standards, conducting performance reviews, and providing feedback to employees. The document also notes that the performance evaluation process should be fair and objective.

The tenth part of the document discusses the conclusion. It states that the organization should continue to improve its financial management practices and should strive for transparency and accountability. The document also notes that the financial management process is an ongoing effort that requires the commitment of all employees.

