

P.O. Box 959
Farmington, New Mexico 87401

January 5, 1981

Hixon Development Company
P.O. Box 2810
Farmington, New Mexico 87401

Gentlemen:

Reference is made to your Application for Permit to Drill well
No. 7 Federal "C", sec. 6, T. 25 N., R. 12 W., San Juan County,
New Mexico, lease No. Santa Fe 078056.

The subject Application is hereby terminated and returned due to drilling
operations not being commenced within one year of the approval date.

Please be advised you are required to notify this office for the appropriate
surface rehabilitation in the event that construction activities have
occurred on the referenced drillsite.

A new Application must be submitted if you decide to drill the subject
well at a later date. Such an Application would be processed in the
same manner as your original filing.

Sincerely yours,

James F. Sims
District Oil and Gas Supervisor

Enclosure

cc: Well file (rescinded)✓
DRO 9-1
Chronological
BLM

BWamsley:cap



H-6-25N-12W

Hixon Development Company

F

30-045-23437

3-28-79

F. Loc. 1850/N; 790/E

Elev. 6192 gl Spd

Comp.

TD.

PB

Casing S. _____ @ _____ W _____ Sx _____

lat._

④

w

 S_{α}

○

Csg.Perf.

Prod. Stim

TRANS

BO/D
MCF/D After

Hrs

SICR

PSI After

Days GOR

Grav.

1st Del.

2

| TOPS | | NITD | Well Log | TEST DATA | | | | | | |
|-----------------|--|-------|--------------|-----------|----|---|----|----|---|--------|
| | | C-103 | Pict | Schd. | PC | Q | PW | PD | D | Ref No |
| Kirtland | | | | | | | | | | |
| Fruitland | | C-104 | Electric Log | | | | | | | |
| Pictured Cliffs | | | C-122 | | | | | | | |
| Cliff House | | Ditr | Dfa | | | | | | | |
| Menefee | | Datr | Dac | | | | | | | |
| Point Lookout | | | | | | | | | | |
| Mancos | | | | | | | | | | |
| Gallup | | | | | | | | | | |
| Sanostee | | | | | | | | | | |
| Greenhorn | | | | | | | | | | |
| Dakota | | | | | | | | | | |
| Morrison | | | | | | | | | | |
| Entrada | | | | | | | | | | |

Bisti-Egten Co. SJ S 6 T 25N R 12W UH Oper. Hixon Development Co. (Lse) Federal C

No

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Hixon Development Company

3. ADDRESS OF OPERATOR

P.O. Box 2810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1850' FNL, 790' FEL, Section 6-T25N-R12W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

approx. 25 miles from Farmington

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

750'

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6192' GL

22. APPROX. DATE WORK WILL START*

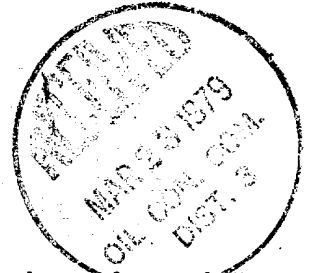
June 15, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 7-7/8" | 5-1/2" | 15.5# | 36' | 10 sacks |
| 4-3/4" | 2-7/8" | 6.5# | 750' | 100 sacks |

It is proposed to drill a 4-3/4" slimhole to test the Farmington Sand formation. The hole will be drilled with a portable rotary rig using mud. Because of low anticipated bottom hole pressures a BOP will not be used. A master casing valve and stripper head will be used while completing the well. The well will be evaluated with open hole resistivity and porosity logs prior setting casing.

gas dedicated

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

William Terrell

Petroleum Engineer

DATE March 22, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*at 3/26/79**W. Terrell*

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

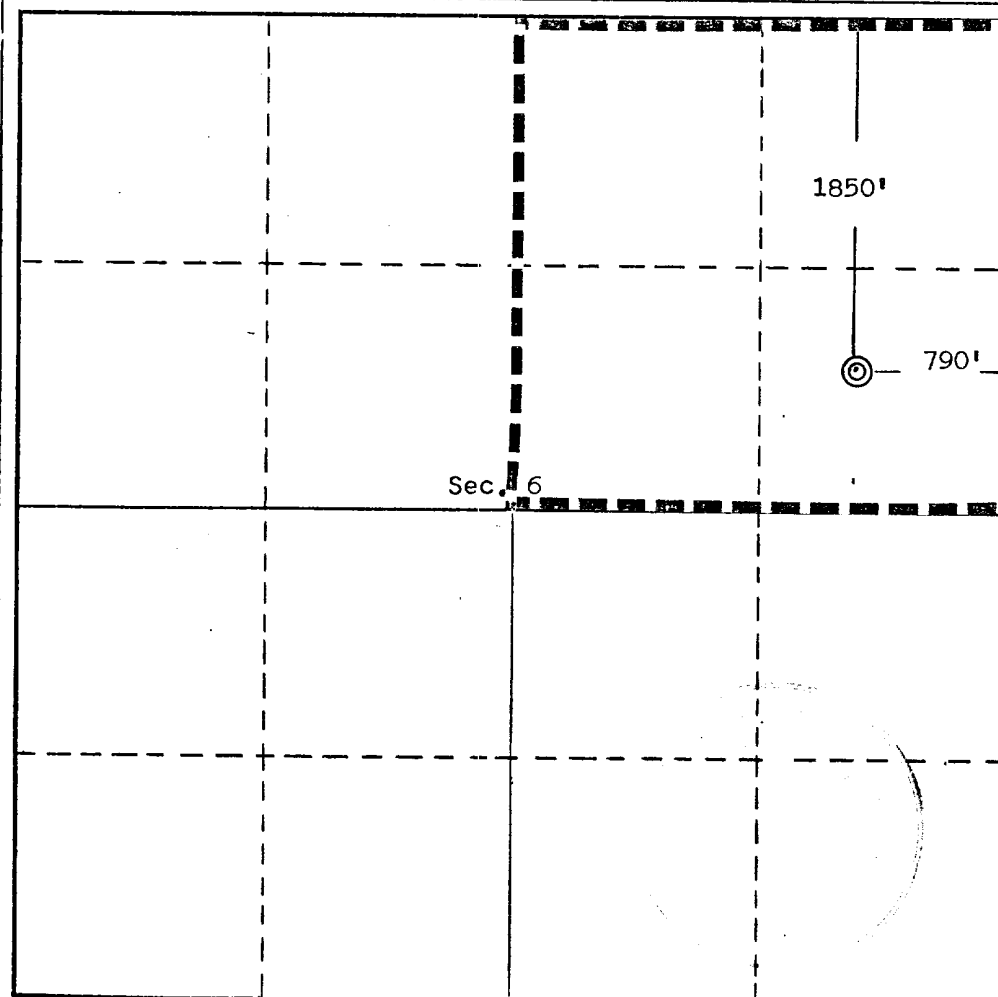
| | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------------|
| Operator Hixon Development Company | | | Lease Federal "C" | | Well No. Federal "C" #7 |
| Unit Letter H | Section 6 | Township 25 North | Range 12 West | County San Juan | |
| Actual Footage Location of Well: 1850 feet from the North line and 790 feet from the East line | | | | | |
| Ground Level Elev. 6192 | Producing Formation Farmington Sand | | Pool Farmington Sand Undes. | Dedicated Acreage: 160 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation one owner lease

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Aldrich L. Kuchera
Name

Aldrich L. Kuchera

Position

Petroleum Engineer

Company

Hixon Development Co.

Date

March 5, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

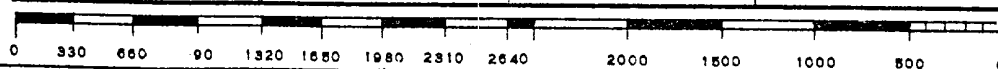
March 4, 1979

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.



Application for Permit to Drill
Hixon Development Company
Federal "C" Well No. 7
1850' FNL, 790' FEL
Section 6-T25N-R12W
San Juan County, New Mexico

Recap of NTL-6 13-Point Outline is as follows:

1. Existing Roads - Refer to attached topographic map. The proposed well site is located inside an existing 25 year old oil field. The field has an extensive lease road system tied to State Highway 371 south of Farmington.
2. Planned Access Roads - Construction of an access road will not be necessary. Per the attached map, an access road already exists to this well.
3. Location of Existing Wells - Refer to attached map.
4. Location of Tank Batteries, Production Facilities, etc. - The proposed well is located within an extensive oil and gas flowline and water injection system.
5. Location and Type of Water Supply - Will not be necessary. Any water used for workover purposes will be hauled in from a source well in Section 5, or from Farmington.
6. Source of Construction Materials - None will be used.
7. Methods for Handling Waste Disposal - Any waste material incurred while drilling will be buried in the mud pits.
8. Ancillary Facilities - Will use existing Central Bisti Unit facilities.
9. Well Site Layout - Refer to plat attached.
10. Plans for Restoration of Surface - Area in the vicinity of well site is primarily sand. Very little of the well site area will be disturbed.
11. Other Information - Refer to the Archaeological Report to be submitted.
12. Leasee's or Operator's Representative -

Aldrich L. Kuchera

| | | |
|-----------|----------|-------------------------|
| Telephone | 325-6984 | Office |
| | 325-3448 | Home |
| | 325-1873 | Unit #675 Car Telephone |

13. See Attached.

Application for Permit to Drill
Hixon Development Company
Federal "C" Well No. 7
1850' FNL, 790' FEL
Section 6-T25N-R12W
San Juan County, New Mexico

Other NTL-6 pertinent data is as follows:

1. Estimated log tops:

| | |
|-----------|-----------|
| Surface | Ojo Alamo |
| Ojo Alamo | Surface |
| Kirtland | 120' |
| TD | 660' |

2. Estimated depths of water, oil and gas:

| | |
|-------------|-----------------|
| Fresh Water | Surface to 120' |
| Gas | 120' - 660' |

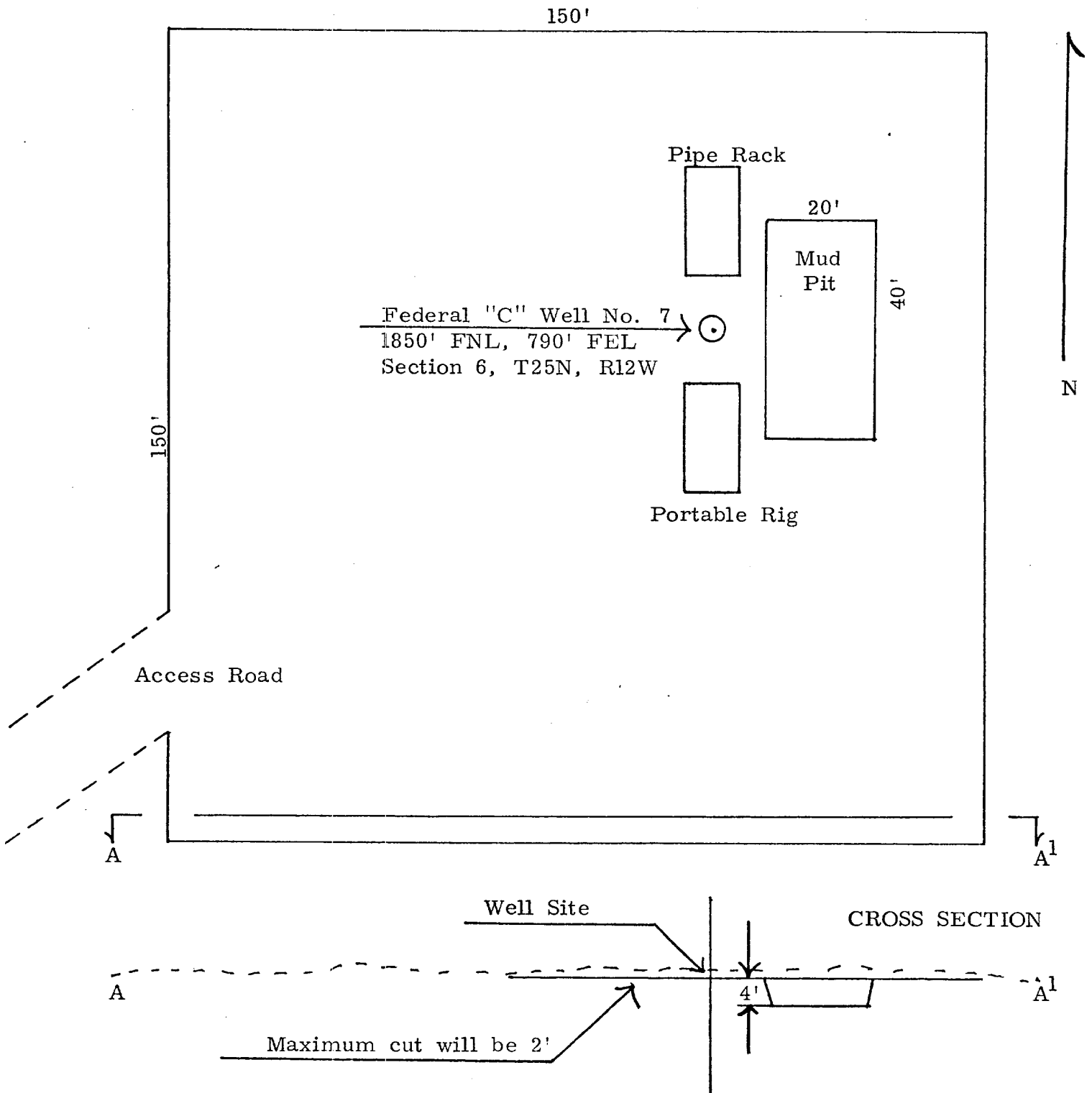
3. Weight and type of mud to be used 9.0 - 9.3#/gallon mud from below surface with low fluid loss - additives used across permeable zone.

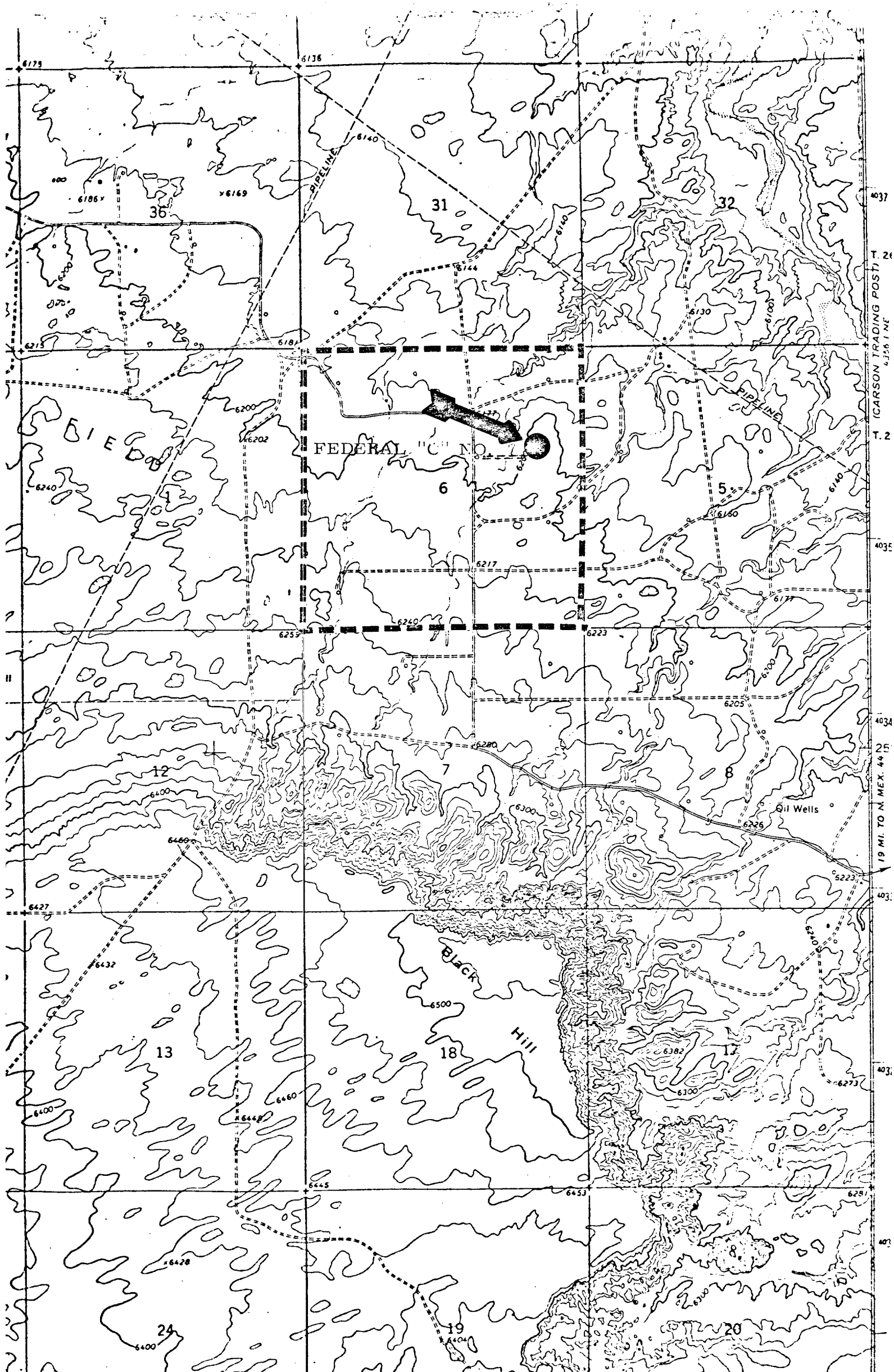
4. Open hole logs to be used:

Induction Electric
Compensated Neutron - Density

5. Surface casing will be 36' 5-1/2" 15.5# K-55 ST&C. It will be cemented with 10 sacks Class B cement. Production casing will be 800' of 2-7/8" 6.5# K-55 EUE cemented with 100 sacks cement. It will be pressure tested to 1000 psi for 30 minutes prior perforating.
6. On the basis of offset drilling data we do not foresee any drilling hazards such as high pressure gas zones, high temperatures, sour gas or other abnormal deviations.
7. Surface 5-1/2" 15.5# K-55 ST&C and production 2-7/8" 6.5# K-55 casing will be new and factory tested.
8. Duration of drilling activity from spud date to completion is expected to be about 3 days.
9. In the event the well is a dry hole it will be plugged with prior USGS approval and the drill site restored.

HIXON DEVELOPMENT COMPANY
DRILLING LOCATION PLAT
FEDERAL "C" WELL NO. 7





HIxon DEVELOPMENT COMPANY

P. O. BOX 2810

FARMINGTON, NEW MEXICO 87401

CERTIFICATION

I, hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Hixon Development Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3/22/79



Aldrich L. Kuchera
Production Manager
Petroleum Engineer

ALK:dl

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ OTHER ☐

2. NAME OF OPERATOR
Hixon Development Company

3. ADDRESS OF OPERATOR
P.O. Box 2810, Farmington, New Mexico 87401

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

1850' FNL, 790' FEL, Section 6, T25N, R12W

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6192'

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "C"

9. WELL NO.
7

10. FIELD AND POOL, OR WILDCAT
Farmington Sand (Wildcat)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 6-25N-12W

12. COUNTY OR PARISH 13. STATE
San Juan NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) Acquire a 6-month extension ☒

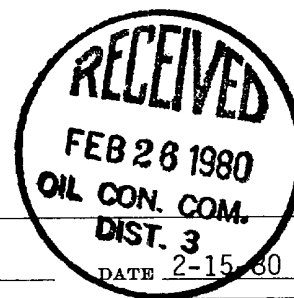
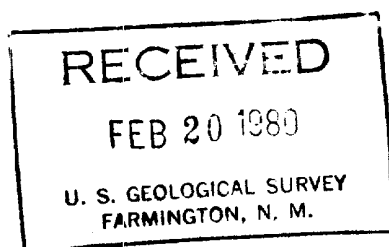
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(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.)*

We request a six-month extension of time for the above described well.
This is for the purpose of drilling rig scheduling.



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE [Signature]
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
DATE

*See Instructions on Reverse Side

FEB 22 1980
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR