

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-1449		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo		
2. NAME OF OPERATOR Hixon Development Company		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 2810, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Ka Gee Tah		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1190' FNL, 790 FWL Section 10-T25N-R12W At proposed prod. zone		9. WELL NO. 2		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Farmington 24 miles		10. FIELD AND POOL, OR WILDCAT Wildcat		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10-25N-12W		
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1850'		20. ROTARY OR CABLE TOOLS rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6204' GL		22. APPROX. DATE WORK WILL START* 05-30-78		
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#	150'	50 sacks
4-3/4"	2-7/8"	6.5#	1850'	200 sacks

It is planned to drill a 4-3/4" slimhole to test the La Ventana-Chacra formation. The hole will be drilled with a portable rotary rig using mud. Because of low anticipated bottom hole pressure 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.

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 Albert L. Turner TITLE Petroleum Engineer DATE May 15, 1978
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

**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.

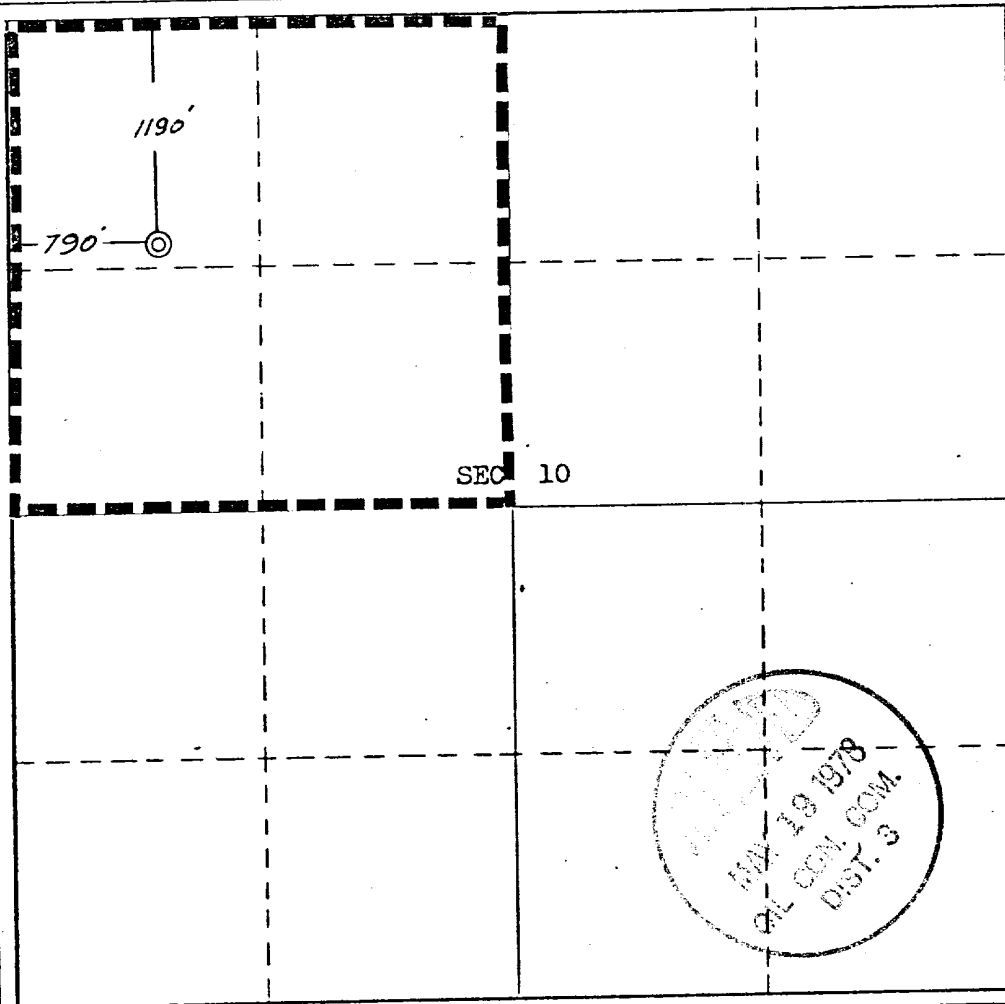
Operator Hixon Development Company			Lease Ka Gee Tah		Well No. 2
Unit Letter D	Section 10	Township 25 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1190 feet from the North line and 790 feet from the West line					
Ground Level Elev. 6204	Producing Formation Chacra	Pool Wildcat		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-lease well

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.

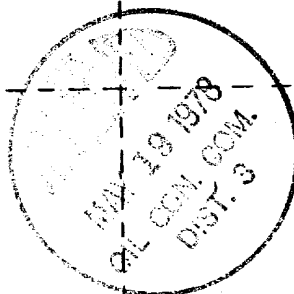
Aldrich L. Kuchera
Aldrich L. Kuchera

Name
Petroleum Engineer
Position
Hixon Development Company
Company
May 15, 1978
Date

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
May 13, 1978
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
Ka Gee Tah No. 2
Wildcat
NW/4 Section 10-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 site.
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 else 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 Archaeological Report to be submitted to USGS.
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

HIXON DEVELOPMENT COMPANY

PROJECT KA GEE TAH NO. 2

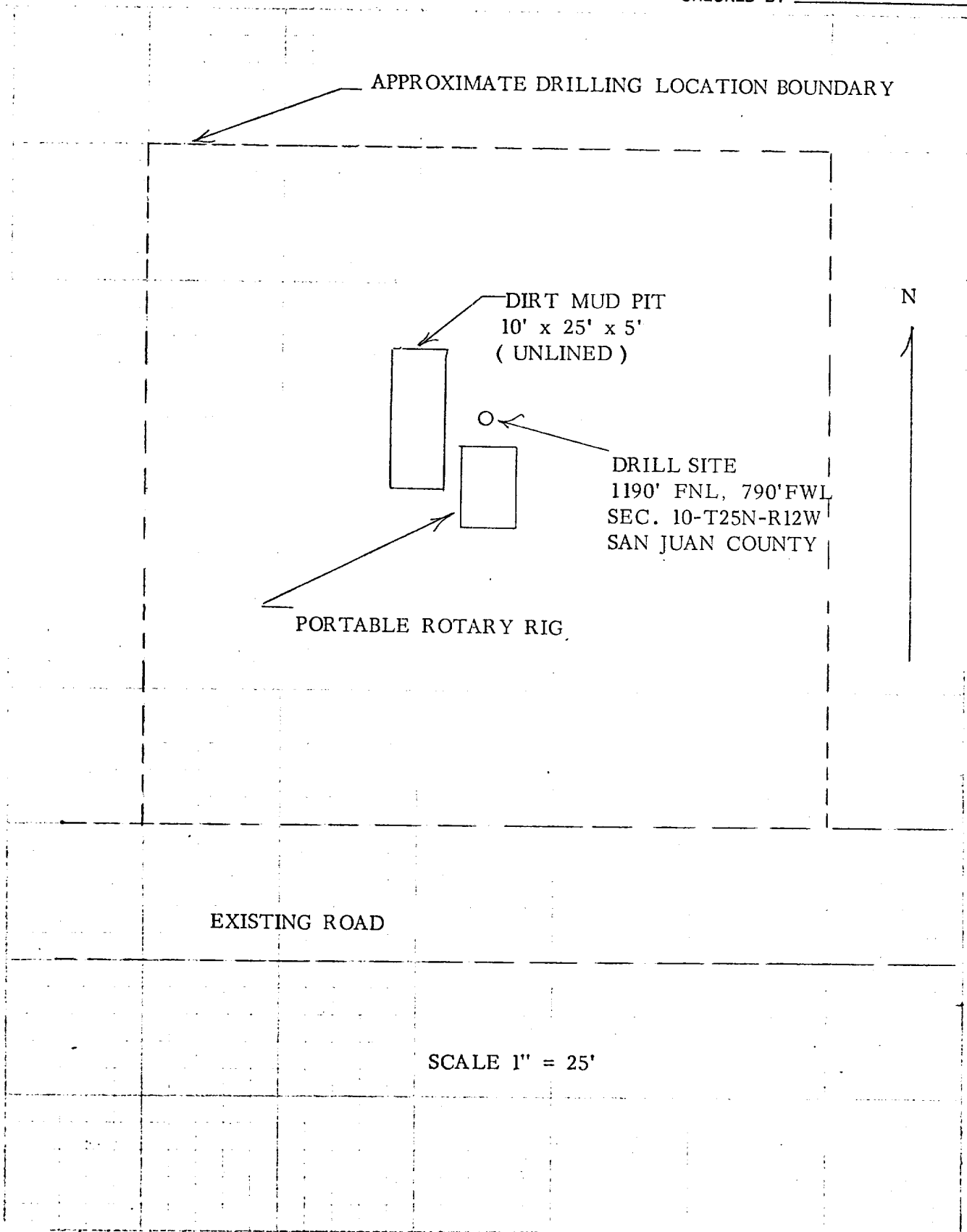
JOB NO. _____

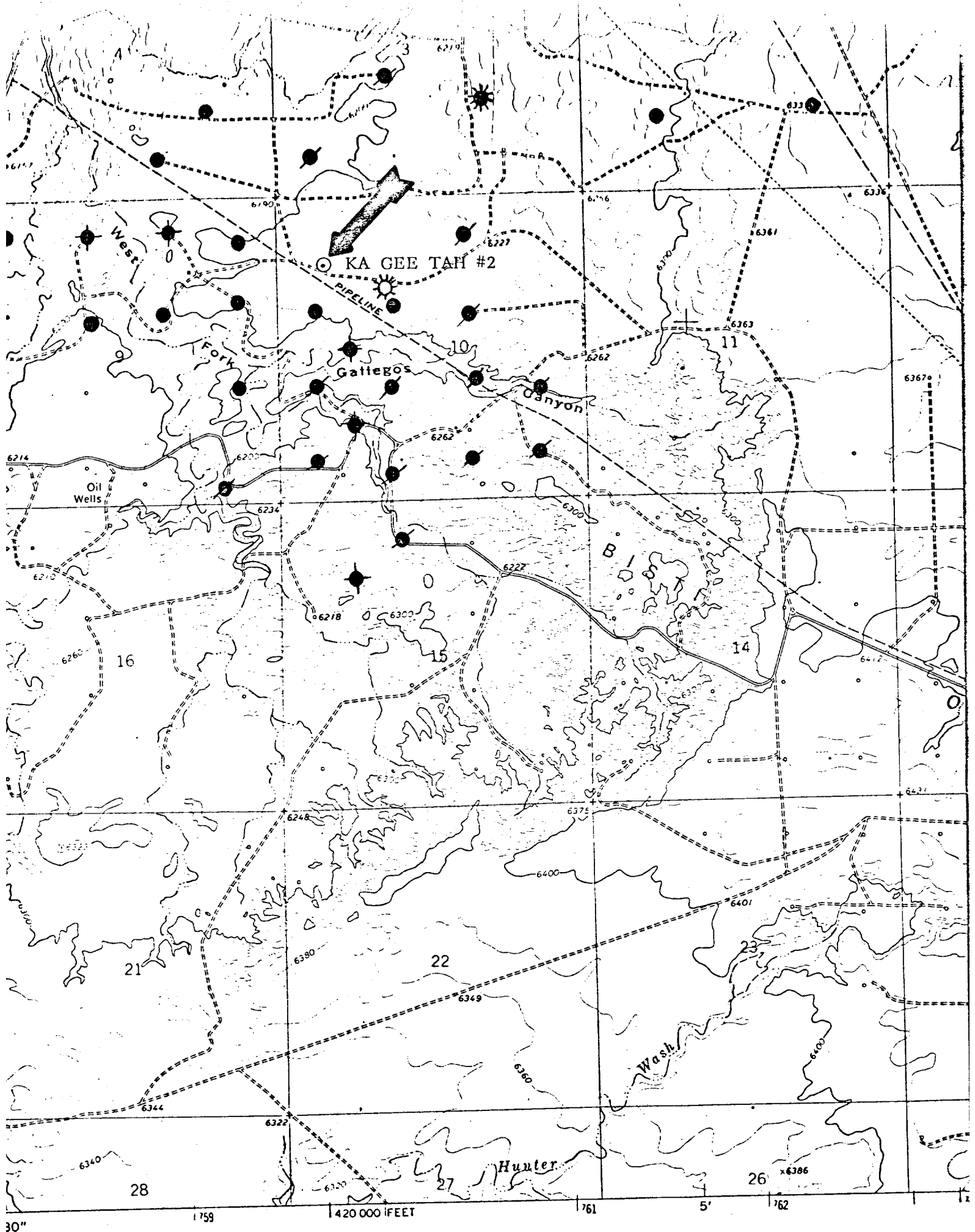
PURPOSE DRILLING SITE

SHEET _____ OF _____





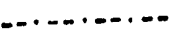


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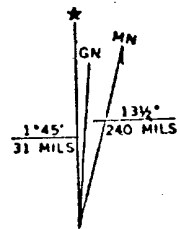
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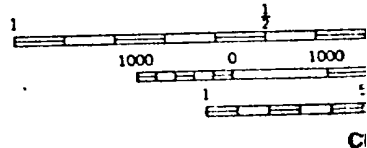


LEGEND

-  GAS WELL
-  SHUT IN WELL
-  P & A WELL
-  PRODUCING OIL WELL
-  PIPELINE
-  DIRT ROAD
-  UTILITY LINE



UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



THIS MAP COMPILED
FOR SALE BY U.S. GEOLOGICAL SURVEY
A FOLDER DESCRIBING TOPICS

Application for Permit to Drill
Hixon Development Company
Ka Gee Tah No. 2
Wildcat
NW/4 Section 10-T25N-R12W
San Juan County, New Mexico

Other NTL-6 pertinent data is as follows:

1. Estimated Log Tops:

Surface	Animas
Ojo Alamo	76'
Pictured Cliffs	1120'
Lewis	1225'
Chacra	1420'
Lower La Ventana	1860'

2. Estimated depths of water, oil, and gas:

76'-150'	Fresh Water
1420'-1860'	Gas

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 zones.

4. Open hole logs to be used:

Induction Electric
Compensated Neutron - Density

5. Surface casing will be 150' 5-1/2" 15.5# J-55 ST&C. It will be cemented w/50 sacks Class B cement and pressure tested to 500 psi. Production casing will be 2-7/8" 6.5# J-55 casing cemented w/200 sacks cement. It also 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# J-55 ST&C and production 2-7/8" 6.5# J-55 casing will be new and tested at the factory.
8. Duration of drilling activity from spud date to completion is expected to be about 5 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

P. O. BOX 2810

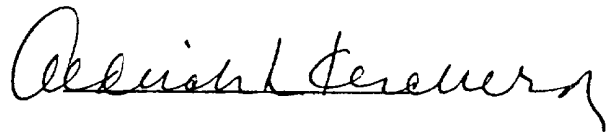
FARMINGTON, NEW MEXICO 87401

May 15, 1978

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.

May 15, 1978



Aldrich L. Kuchera
Production Manager
Petroleum Engineer

ALK:dl